

HOSTETTER'S
ILLUSTRATED
CALIFORNIA
ALMANAC
1889.



FOR MERCHANTS, MECHANICS, MINERS,
FARMERS, PLANTERS,
AND
GENERAL FAMILY USE.

Carefully calculated for such Meridians and Latitudes as are best suited for a Universal
Calendar for California.

PUBLISHED BY
HOSTETTER & CO.
PITTSBURGH, PA.

A DANGEROUS GAME.

A GAME doubly dangerous—dangerous to the public, if successful—dangerous to the parties, because of the liability to be brought to justice, is sometimes played upon the credulous by speculative individuals without conscience, who seek to palm off imitations of the great tonic and alterative, *Hostetter's Stomach Bitters*. Many of these attempts have been detected and punished, by the imposition of heavy damages, by juries in the United States and State Courts of Law, and since the imitation of trade marks has been made penal, so that the imitators can be punished by fine and imprisonment, imposture in this direction has grown rarer. Still it has not altogether ceased, and occasionally there crops up some cheap concoction of fiery unrectified spirits, pleasantly flavored but highly pernicious, which bears a name nearly identical with that of HOSTETTER'S STOMACH BITTERS, or is recommended by its vendor as the "same thing," or possibly superior to that incomparable medicine. Local bitters of inferior quality, and calculated to injure those who are persuaded into using them, occasionally bear labels resembling ours. Were it not that the consequences of their use are most disastrous, the pertinacity with which these cheap swindles are advertised by their vendors as curatives, would be positively amusing. Even the least acute and observant soon discover the fraud, which is palpable enough after a single trial.

Besides taking legal measures to punish fraudulent imitators of HOSTETTER'S STOMACH BITTERS, when such are brought to our notice, we yearly renew a caution, necessary in spite of punitive enactments, and the wholesome fear of consequences which they inspire in the unprincipled.

We again beg to remind our readers that the Bitters is sold only in glass, by the case or single bottle; that upon one side of the bottle is a handsomely engraved vignette of St. George vanquishing the Dragon, with a diminutive note of hand, bearing a *fac-simile* of the firm signature at the foot, and that on the opposite side of the bottle is a label with directions for use, in bronze lettering. A metallic cap covers the cork, on which is stamped a medallion head and the name of the article.

To dealers and persons generally who will report to us any fraudulent attempts to imitate our Bitters we shall feel obliged, and we warn those who may feel inclined to make them, that we shall spare no efforts to mulct civilly and prosecute criminally, all colorable imitations and manifest counterfeits. In the meantime we will hope that the renewed caution to our patrons given above, will result in protecting them from the evil consequences to health, resulting from the perpetration of what the law now rightly denominates and punishes as a crime.

HOSTETTER'S CALIFORNIA ALMANAC

For the Year

1 | 8 | 8 | 9

Calculated for

California + and + Oregon.

OPINIONS WARRANTED BY EXPERIENCE.

INVENTIONS and discoveries upon which experience, whether restricted to a certain class, or of the great body of the people, has set the seal of its approval, are not usually attended, in the exposition of their merits, by random and blatant assertions as to their utility. Thus it has ever been with *Hostetter's Stomach Bitters*, which entering on its proprietary career over a third of a century ago, early won and steadily kept a high place, not only in the estimation of the people of America, but also in that of medical men untrammelled with the obsolete prejudices of a conservative school. And why was this? Not altogether because it is a sterling remedy, but also because claims in its behalf have not been extravagant or insusceptible of proof. A remedy which has been submitted to such crucial tests, under circumstances and in places where, if it were not a worthy depository of professional and public confidence, the fact would have become speedily patent, needs no stretching of the truth. Experience incontrovertibly demonstrates its value, and this strong foundation for faith would only be sapped by misstatement or hyperbole. Therefore, when it is stated that malarial fevers and other maladies

born of miasma are both cured and prevented by the Bitters; that this medicine will, if used with persistence, and *not* by fits and starts, remove constipation, dyspepsia, counteract rheumatism, render the liver and kidneys active, the statement is not only credible, but credited, because experience, recorded in a host of ways, warrants it.

Cheap competition, spurious imitation of the Bitters, has had, in the past, and probably will, in the future, have the reverse effect from what their



authors intended. They have served by contrast to enhance the value of the Bitters, and to strengthen the popular belief in its superior efficacy. Day by day, year by year, it gains ground, not with measured paces in one direction, but

with giant strides toward every point of the compass. On this continent, in our sister republics of Mexico, of Guatemala and of South America, in the West Indies, and even at the antipodes, it has obtained a firm foothold, which time only strengthens. And who will gainsay the fact, that amid all the mutations of life, the recurring periods of business prosperity or depression, among so widely separated and diverse populations, that it bears a reputation well deserved.

HOSTETTER'S ALMANAC, 1889.

THE TWELVE SIGNS OF THE ZODIAC.

RAM. Aries,  THE HEAD.

TWINS,
Gemini,
ARMS.



LION,
Leo,
HEART.



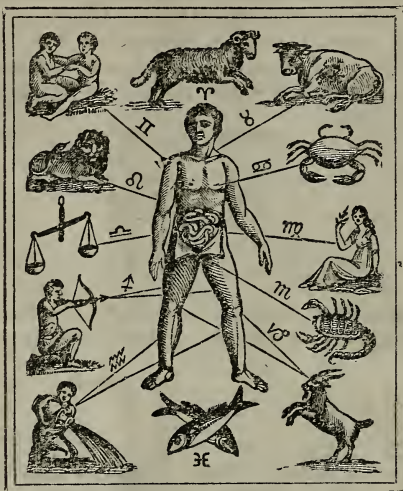
BALANCE,
Libra,
EELINS.



ARCHER,
Sagittarius,
THIGHS.



WATERMAN,
Aquarius,
LEGS.



BULL,
Taurus,
NECK.



CRAB,
Cancer,
BREAST.




VIRGIN,
Virgo,
BOWELS.



SCORPION,
Scorpio,
LOINS.



GOAT,
Capricornus,
KNEES.

FISHES. Pisces.  THE FEET.

CHRONOLOGICAL CYCLES.

Dominical Letter,.....	F.	Solar Cycle,.....	22
Epact,.....	28	Roman Indiction,.....	2
Lunar Cycle, or Golden Number,.....	9	Julian Period,.....	6602

FIXED AND MOVABLE FESTIVALS.

Epiphany,.....	Jan. 6	Rogation Sunday,.....	May 26
Septuagesima Sunday,.....	Feb. 17	Ascension—Holy Thursday,.....	" 30
Quinquagesima—Shrove Sund....	Mar. 3	Pentecost—Whit Sunday,.....	June 9
Ash Wednesday,.....	" 6	Trinity Sunday,.....	" 16
First Sunday in Lent,.....	" 10	Corpus Christi,.....	" 20
St. Patrick's Day,.....	" 17	First Sunday in Advent,.....	Dec. 1
Palm Sunday,.....	Apr. 14	Christmas Day,.....	" 25
Good Friday,.....	" 19	Ember Days.	
Easter Sunday,.....	" 21	Mar. 13, 15, 16;	Sept. 18, 20, 21;
Low Sunday,.....	" 28	June 12, 14, 15;	Dec. 18, 20, 21.

ECLIPSES FOR THE YEAR 1889.

In the year 1889 there will be FIVE Eclipses—Three of the Sun and Two of the Moon:

I.—A Total Eclipse of the Sun, January 1. Visible to the larger portions of North America and the North Pacific Ocean. Being total along a track 80 miles wide, extending from the Aleutian Islands, and running centrally through Point Arena, California; Winnemucca, Nev., Mountain Meadows, Idaho; and terminating about Lake Winnepeg; having a duration of about two minutes. Elsewhere it will be partial. Occurring as follows:

CITIES.	BEGINS.	ENDS.	TOTAL.	DIGITS ECLIPSED.
San Francisco, Cal.....	0 h. 13 m. P. M.	2 h. 58 m. P. M.	.....	11
Los Angeles, Cal.....	0 h. 42 m. "	3 h. 22 m. "	.....	10
San Diego, Cal.....	0 h. 49 m. "	3 h. 28 m. "	.....	9
Portland, Ore.....	0 h. 10 m. "	2 h. 50 m. "	.....	19
Marysville, Cal.....	0 h. 18 m. "	3 h. 2 m. "	1 h. 44 m. P. M.	12
Point Arena, Cal.....	0 h. 5 m. "	2 h. 51 m. "	1 h. 32 m. "	12
Winnemucca, Nev.....	0 h. 41 m. "	3 h. 18 m. "	2 h. 4 m. "	12

II.—A Partial Eclipse of the Moon, January 16-17. Visible, more or less, to the world generally, except to Asia and Australia. Occurring, at San Francisco, as follows:

	DAY.	HOUR.	MIN.	P. M.
Moon enters Penumbra,.....	16	6	28	P. M.
Moon enters Shadow,.....	16	7	49	"
Middle of Eclipse,.....	16	9	20	"
Moon leaves Shadow,.....	16	10	52	"
Moon leaves Penumbra,.....	17	0	13	A. M.

Magnitude of Eclipse, = 0.702. (Moon's diameter, = 1.)

III.—An Annular Eclipse of the Sun, June 28. Invisible. Visible to Southern Africa, extreme Southern Asia, and the Indian Ocean.

IV.—A Partial Eclipse of the Moon, July 12. Invisible. Visible more or less to the world generally, except to North America, the larger part of South America, and the Pacific Ocean.

V.—A Total Eclipse of the Sun, December 22. Invisible. Visible to the northern half of South America, and most of Africa.

THE SEASONS. (San Francisco Time.)

Vernal Equinox,.....	Spring begins,.....	March	20 d.	2 h. A. M.
Summer Solstice,.....	Summer "	June	21 d.	3 h. A. M.
Autumnal Equinox, ...	Autumn " ..	September	22 d.	1 h. P. M.
Winter Solstice,.....	Winter "	December	21 d.	7 h. A. M.

MORNING AND EVENING STARS, 1889.

Mercury will be visible as Evening Star about January 30, May 24 and September 20; and as Morning Star about March 13, July 12 and October 31.

Venus will be Evening Star till April 20, and Morning Star the rest of the year.

Jupiter will be Morning Star till June 24, and Evening Star the rest of the year.



MOON'S PHASES.

SAN FRANCISCO.

☾	NEW MOON,.....	.....
☾☾	FIRST QUARTER,.....	.....
☾☾☾	FULL MOON,.....	.....
☾☾☾☾	LAST QUARTER,.....	.....
☾	NEW MOON,.....	.....

D.	H.	M.	
1	0	59	Evening.
8	4	31	"
16	9	28	"
24	7	48	Morning.
31	1	1	"

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	MOON'S PHASES.						High Water.	
				Sun Slow	Sun Ris.	Sun Sets.	Moon Rises	Moon South		Morn	Even.
				M. S.	H.M.	H.M.	H. M.	H. M.		H. M.	H. M.
1 Tu		New Year's Day.		4 11	7 16	4 52	7 3	Ev 1	0 27 s	10 27 ^{ts}	
2 We		Gen. Wolfe born, 1727		4 39	7 16	4 53	Sets.	1 4	1 21 s	11 23 ^{ts}	
3 Th		Bishop Haven died, 1880		5 6	7 17	4 53	7 15	2 3	2 10 s	0 22 ^{ts}	
4 Fri		West Indies discovered, 1492		5 33	7 17	4 54	8 24	2 59	2 53 s	1 19 ^{ts}	
5 Sa		Bombardment of Paris, 1871		6 0	7 17	4 55	9 29	3 50	3 34 s	2 20 ^{ts}	
(1.) 1st Sunday after New Year.				Luke 2.		Day's length, 9 h. 39 m.					
6 S		Missolonghi taken, 1823		6 26	7 17	4 56	10 31	4 38	4 18 s	3 28 ^{ts}	
7 Mo		Fenelon died, 1715		6 51	7 16	4 57	11 31	5 23	5 6 s	4 42 ^{ts}	
8 Tu		Battle of New Orleans, 1815		7 17	7 16	4 58	Mor.	6 6	5 51 s	5 55 ^{ts}	
9 We		Snow Storm in United States, 1886		7 42	7 16	4 59	0 29	6 43	6 31 s	7 3 ^{ts}	
10 Th		Stamp Act passed, 1765		8 6	7 16	5 0	1 27	7 31	7 14 ^{ts}	8 4 ^{ts}	
11 Fri		Alexander Hamilton born, 1757		8 29	7 16	5 1	2 23	8 15	7 50 ^{ts}	9 16 ^{ts}	
12 Sa		Salmon P. Chase born, 1808		8 52	7 15	5 2	3 29	9 0	8 23 ^{ts}	10 23 ^{ts}	
(2.) 1st Sunday after Epiphany.				Luke 2.		Day's length, 9 h. 48 m.					
13 S		Bradlaugh takes the Oath, 1886		9 15	7 15	5 3	4 16	9 47	8 51 ^{ts}	11 17 ^{ts}	
14 Mo		Battle of Rivoli, 1797		9 36	7 15	5 4	5 11	10 36	9 21 ^{ts}	.....
15 Tu		Queen Elizabeth crowned, 1559		9 56	7 15	5 5	6 4	11 26	0 15 ^{ts}	9 47 ^{ts} *	
16 We		Dr. Leavitt died, 1873		10 16	7 14	5 6	6 55	Mor.	0 47 ^{ts}	10 21 ^{ts} *	
17 Th		Benjamin Franklin born 1708		10 36	7 14	5 7	Ris.	0 16	1 19 ^{ts}	11 9 ^{ts} *	
18 Fri		Daniel Webster born, 1782		10 55	7 13	5 8	6 47	1 7	1 57 ^{ts}	11 57 ^{ts} *	
19 Sa		James Watt born, 1736		11 13	7 13	5 9	7 50	1 56	2 31 ^{ts}	0 46 ^{ts}	
(3.) 2d Sunday after Epiphany.				John 2.		Day's length, 9 h. 58 m.					
20 S		Jules Favre died, 1880		11 30	7 12	5 10	8 53	2 45	3 0 s	1 40 ^{ts}	
21 Mo		Louis XVI. beheaded, 1793		11 47	7 12	5 11	9 56	3 33	3 30 s	2 40 ^{ts}	
22 Tu		Lord Byron born, 1783		12 2	7 11	5 13	11 1	4 20	4 4 ^{ts}	4 7 s	
23 We		Steamer Pacific lost, 1856		12 18	7 11	5 14	Mor.	5 8	4 49 ^{ts}	5 15 s	
24 Th		Frederick the Great born, 1712		12 32	7 10	5 15	0 7	5 57	5 25 ^{ts}	6 35 s	
25 Fri		Robert Burns born, 1759		12 45	7 9	5 16	1 15	6 49	6 9 ^{ts}	7 55 s	
26 Sa		Dr. Jenner died, 1823		12 57	7 9	5 17	2 24	7 44	6 55 ^{ts}	9 13 s	
(4.) 3d Sunday after Epiphany.				Matt. 8.		Day's length, 10 h. 10 m.					
27 S		Aaron Burr's Conspiracy, 1807		13 9	7 8	5 18	3 34	8 42	7 47 ^{ts}	10 31 s	
28 Mo		Capitulation of Paris, 1871		13 20	7 8	5 19	4 41	9 43	8 37 ^{ts}	11 30 s	
29 Tu		George III. died, 1829		13 30	7 7	5 20	5 45	10 44	9 30 ^{ts}	.....
30 We		Charles I. beheaded, 1649		13 40	7 6	5 21	6 41	11 44	0 19 ^{ts}	10 31 ^{ts} *	
31 Th		Vaccination discovered, 1798		13 49	7 5	5 22	7 39	Ev 43	1 0 s	11 26 ^{ts} *	

Note.—The Tides for San Francisco are very irregular in height and interval. The asterisk (*) denotes the second morning tide, and the obelisk (†) the first afternoon tide. The letter (L) denotes the larger tide for the day, and the letter (s) the smaller one.

CALIFORNIA'S EARNEST APPRECIATION

OF

Nature's Sovereign Remedy,

HOSTETTER'S STOMACH BITTERS.

EVER since the eventful era of '49, *Hostetter's Stomach Bitters* has been a popular remedy on this Coast. Californians have the strongest reasons for appreciating its value as a medical and defensive agent. It made its appearance among us when a means of rescue from the endemic malarial diseases, and the malignant disorders of the stomach, liver and bowels, which raged in the mining camps of the infant Eldorado, were sorely needed. Quinine was worth more than its weight in gold, and its insufficiency to do more than relieve the dreadful paroxysms of the prevailing forms of intermittent, remittent and Chagres fever, and the *calentura* of the coast, had been amply proven. Disease and death stalked among the camps unchecked. Hardship, privation, miasma, *agüardiente*, *pulque* and bad whiskey were making frightful havoc in the ranks of the gold seekers. The strongest constitutions and the most robust physiques gave way beneath the pernicious weight of these combined evils. Not a few, doubtless, who peruse this Almanac, beheld, nay, suffered in those scenes of misery. So terrible was the mortality, that if the ranks of the miners had not

been constantly recruited by fresh arrivals from the States, the diggings would probably have been depopulated. As a means of checking the virulent diseases which fastened themselves upon frames wasted by privation, and worn out with bitter and, in too many instances, fruitless toil, drugs, when they were procurable, seemed useless. A new remedy, a proprietary one, arrived. Many had heard of Hostetter's Stomach Bitters in the States, but its power to overcome and prevent disease remained to be proved by facts so conclusive, and results so beneficent and convincing, that nothing but besotted prejudice, had such existed, would have refused acquiescence in the general verdict in its favor speedily accorded. The claim then and now made, that it will not only neutralize the malarial virus in the system, and ultimately expel it, but also fortify those who use it against chills and fever, bilious remittent, dumb ague, and indeed every form of disease bred and fostered by miasmatic exhalations, was soon placed beyond doubt. Equally reliable did it prove as a remedy for bowel complaints, disorder of the stomach, and serious affections of the liver, that were either coupled with, or inde-



MOON'S PHASES.

SAN FRANCISCO.

☾	FIRST QUARTER,.....
☾	FULL MOON,
☾	LAST QUARTER,.....

D.	H.	M.	
17	0	49	Evening.
15	2	8	"
22	3	46	"

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellation	Sun Slow	Sun Ris.	Sun Sets.	Moon Sets.	Moon South	High Water.	
				M S.	H. M.	H. M.	H. M.	H. M.	Morn.	Even.
1	Fri	Washington elected President, 1789		13 56	7 4	5 24	7 8	1 36	1 41 s	0 27 l
2	Sa	Lorenzo Dow died, 1834		14 3	7 3	5 25	8 14	2 27	2 14 s	1 24 l
(5.) 4th Sunday after Epiphany.				Matt. 8.		Day's length, 10 h. 24 m.				
3	S	Inquisition abolished, 1820		14 10	7 2	5 26	9 17	3 14	2 43 s	2 19 l
4	Mo	Revolutionary War ends, 1783		14 15	7 1	5 27	10 17	3 59	3 14 s	3 18 l
5	Tu	Carlyle died, 1881		14 19	7 0	5 28	11 16	4 42	3 50 s	4 22 l
6	We	France recognized U. S., 1778		14 22	6 59	5 30	Mor.	5 26	4 38 l	5 28 s
7	Th	Charles Dickens born, 1812		14 25	6 58	5 31	0 13	6 10	5 18 l	6 44 s
8	Fri	Mary Stuart beheaded, 1586		14 27	6 57	5 32	1 10	6 55	5 55 l	7 55 s
9	Sa	Gen. Hancock died, 1886		14 29	6 58	5 33	2 7	7 41	6 32 l	8 58 s
(6.) 5th Sunday after Epiphany.				Matt. 13.		Day's length, 10 h. 39 m.				
10	S	Queen Victoria married, 1840		14 29	6 55	5 34	3 2	8 29	7 14 l	10 8 s
11	Mo	Riots in Cork, 1868		14 29	6 54	5 35	3 56	9 18	7 54 l	10 54 s
12	Tu	Horatio Seymour died, 1886		14 28	6 53	5 36	4 46	10 8	8 38 l	11 36 s
13	We	Captain Cook killed, 1779		14 26	6 52	5 37	5 34	10 59	9 22 l	.....
14	Th	St. Valentine's Day.		14 23	6 51	5 38	6 17	11 50	10 10 s	10 7 l*
15	Fri	French Assembly met, 1871		14 20	6 50	5 39	Ris.	Mor.	0 41 s	10 54 l*
16	Sa	Russian Empire began, 1727		14 16	6 48	5 40	6 43	0 40	1 8 s	11 57 l*
(7.) Septuagesima Sunday.				Matt. 20.		Day's length, 10 h. 54 m.				
17	S	John B. Gough died, 1886		14 10	6 47	5 41	7 48	1 29	1 47 s	0 49 l
18	Mo	Fitz John Porter restored, 1886		14 5	6 46	5 42	8 53	2 17	2 13 s	1 42 l
19	Tu	Florida ceded, 1821		15 58	6 45	5 43	10 0	3 5	2 38 l	2 32 s
20	We	James I. killed, 1437		15 52	6 43	5 44	11 8	3 54	3 14 l	3 41 s
21	Th	Ogdensburg taken, 1813		15 44	6 42	5 46	Mor.	4 46	3 51 l	5 5 s
22	Fri	James Russell Lowell born, 1819		15 38	6 40	5 47	0 16	5 39	4 39 l	6 30 s
23	Sa	John Quincy Adams died, 1848		15 28	6 39	5 48	1 24	6 34	5 30 l	7 49 s
(8.) Sexagesima Sunday.				Luke 8.		Day's length, 11 h. 11 m.				
24	S	Robert Fulton died, 1815		15 19	6 38	5 49	2 30	7 32	6 23 l	9 13 s
25	Mo	Victor Emanuel king Italy, 1861		15 9	6 37	5 50	3 33	8 32	7 19 l	10 24 s
26	Tu	Victor Hugo born, 1802		12 59	6 35	5 51	4 32	9 31	8 24 l	11 19 s
27	We	Henry W. Longfellow born, 1807		12 43	6 34	5 52	5 22	10 29	9 21 l	.....
28	Th	Battle Long Island, 1776		12 36	6 33	5 53	6 6	11 21	0 2 s	10 28 l*

THE surface of the sea is estimated at 150,000,000 square miles, taking the whole surface of the globe at 190,000,000 square

miles. Its greatest depth is supposed to be equal to the height of the highest mountain, or five miles.

pendent of malarial disease, but mainly traceable to bad water, the use of liquor after eating the fruits of the country, and unwholesome provisions. Kidney troubles and rheumatic complaints were also among the disorders rife at the diggings, which it speedily demonstrated its power primarily to relieve, and in the sequel to cure. Veteran 'forty-niners will not need to have recalled to their remembrance the immeasurable popularity which the great saving tonic and restorative achieved, with a rapidity which spoke more convincingly in its behalf, than all the puffs written by all the pens ever subsidized in the cause

of humbug. With the spread of colonization on this coast, the growth in popularity of the Bitters has ever since kept pace. From Alaska and British Columbia to the Golden Gate, and thence along the Pacific coast of Guatemala and South America, it is a well known specific for the maladies which it so signally demonstrated its ability to conquer, in those early days of trial, disease and wretchedness, where many a wasted, weary and suffering miner found at last, in this agreeable, pure and botanic elixir, a genuine source of renewed health, rekindling energy, dawning hope.

TEN LAWS OF HEALTH.

1. Pure air is the food of the lungs. This is obtained by scientific ventilation, which consists in admitting currents or movements of air into the apartments through two or more apertures.

2. Good and properly cooked food, not food seasoned to cover up decay, partial or complete.

3. Water, not iced, but cooled by being placed upon ice, either in pitchers or bottles.

4. Adequate exercise in the open air, in order to help the skin to throw off effete matter.

5. The sun bath. No sitting or reading in darkened rooms, or those lighted by gas. Gas burns up oxygen very rapidly. Sitting under a gas jet turns the hair grey, and by overheating the scalp destroys its vitality, and causes the hair to fall out.

6. Proper and sufficient clothing; that which is loose, light and warm. Light colors for summer, dark for winter. In winter wear a flannel bandage around the abdomen.

7. Occupations which are of an out-door character; eight hours for work, eight hours for sleep, eight hours for rest.

8. Personal cleanliness is essential. Bathe once a week. Baths to be of the same temperature as the body. Bathing enables the skin to throw off effete matter, causing the dead and useless epidermis to peel off.

9. No marriage with a near relative.

10. Avoid wine, whiskey, beer and tobacco. Keep thy soul and body clean.

MANY years ago, while Mr. Quincy, Jr., was on a visit to Washington, Mr. Justice

Story entertained him with an account of the social life of himself and his associates on the supreme bench: "We usually dine together at six o'clock, very quietly and simply. We have wine only when it rains." And after pausing a little on his statement, he added with judicial gravity: "But sometimes the chief justice will say, before we rise from the table, 'Mr. Story, look out of the window and see whether it is raining,' and when I report that the weather appears to be fair, he will say, 'So much the better! Our jurisdiction is so vast that, according to the doctrine of chances, if the weather is fair here, it must be raining in some other part of the country; therefore, we will have a little wine to-day.'"

CHANCES OF MATRIMONY.

A man who has studied the various phases of the matrimonial market has come to the conclusion that every woman has some chance to marry. Representing a woman's entire chance at 100, he has made out the following table to show the chance between the ages stated:

YEARS.	PER CT.	YEARS.	PER CT.
15 and 20,.....	14½	35 and 40,.....	33½
20 and 25,.....	52	40 and 45,.....	21½
25 and 30,.....	18	45 and 50,.....	9
30 and 35,.....	15½	50 and 56,.....	1½

After 60 it is one-tenth of 1 per cent, or 1 in 1,000.

THE use of borax or ammonia, instead of soap, in washing blankets, will help to preserve the softness and brightness of the colored stripes,

THIRD
MONTH.31
DAYS.

MOON'S PHASES.

SAN FRANCISCO.

	D.	H.	M.	
NEW MOON,.....	1	1	52	Evening.
FIRST QUARTER,.....	9	9	50	Morning.
FULL MOON,.....	17	3	38	"
LAST QUARTER,.....	23	10	45	Evening.
NEW MOON,.....	31	3	28	Morning.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellation	Sun Slow	Sun Ris.	Sun Sets.	Moon Sets.	Moon South	High Water.	
				M. S.	H. M.	H. M.	H. M.	H. M.	Morn.	Even
1	Fri	Germans occupy Paris, 1871		12 24	6 31	5 54	Sets.	Ev 15	0 37 s	11 23 1/2 *
2	Sa	John Wesley died, 1791		12 11	6 30	5 55	6 59	1 4	1 9 s	0 19 1/2
(9.) Quinquagesima—Shrove Sunday. Luke 18. Day's length, 11 h. 28 m.										
3	S	Serfdom abolished in Russia, 1863		11 58	6 28	5 56	8 0	1 50	1 36 s	1 12 1/2
4	Mo	First United States Congress, 1789		11 45	6 27	5 57	9 1	2 35	2 6 s	2 4 1/2
5	Tu	Boston Massacre, 1770		11 31	6 25	5 58	10 0	3 19	2 23 s	2 55 1/2
6	We	Gold Railway Strike, 1886		11 17	6 24	5 59	10 59	4 3	2 58 1/2	3 48 s
7	Th	Florida becomes a State, 1844		11 2	6 22	6 0	11 56	4 48	3 32 1/2	4 58 s
8	Fri	Rise of Paris Commune, 1871		10 47	6 21	6 1	Mor.	5 34	4 11 1/2	6 11 s
9	Sa	Mrs. Barbauld died, 1825		10 32	6 19	6 2	0 53	6 21	4 53 1/2	7 19 s
(10.) 1st Sunday in Lent. Matt. 4. Day's length, 11 h. 45 m.										
10	S	Mazzini died, 1872		10 16	6 18	6 3	1 46	7 9	5 37 1/2	8 31 s
11	Mo	Tasso born, 1544		10 0	6 16	6 4	2 37	7 59	6 22 1/2	9 22 s
12	Tu	First Pennsylvania Assembly, 1683		9 44	6 15	6 5	3 27	8 49	7 18 1/2	10 16 s
13	We	Planet Herschel discovered, 1781		9 27	6 13	6 6	4 12	9 40	8 11 1/2	10 59 s
14	Th	Andrew Jackson born, 1767		9 10	6 12	6 7	4 52	10 50	9 4 1/2	11 38 s
15	Fri	Maine admitted a State, 1820		8 53	6 10	6 8	5 29	11 19	9 52 1/2	.....
16	Sa	James Madison born, 1781		8 35	6 9	6 9	6 4	Mor.	0 6 s	10 39 1/2 *
(11.) 2d Sunday in Lent. Matt. 15. Day's length, 12 h. 3 m.										
17	S	St. Patrick's Day.		8 18	6 7	6 10	Ris.	0 9	0 29 s	11 43 1/2 *
18	Mo	Stamp Act repealed, 1766		8 0	6 6	6 10	7 48	0 58	1 9 1/2	0 45 s
19	Tu	Yale College founded, 1700		7 42	6 4	6 11	8 57	1 48	1 27 1/2	1 41 s
20	We	Spring begins.		7 24	6 3	6 12	10 7	2 41	1 51 1/2	2 44 s
21	Th	Duke D'Enghien shot, 1804		7 6	6 1	6 13	11 17	3 34	2 18 1/2	3 53 s
22	Fri	Tuscany and Sardinia united, 1859		6 47	6 0	6 14	Mor.	4 30	2 53 1/2	5 14 s
23	Sa	Madrid taken, 1808		6 29	5 58	6 15	0 25	5 28	3 43 1/2	6 43 s
(12.) 3d Sunday in Lent. Luke 11. Day's length, 12 h. 19 m.										
24	S	Herculeum discovered, 1737		6 11	5 57	6 16	1 28	6 27	4 49 1/2	7 58 s
25	Mo	Thames Tunnel opened, 1843		5 52	5 55	6 17	2 26	7 26	5 58 1/2	9 8 s
26	Tu	John Winthrop died, 1649		5 34	5 54	6 18	3 18	8 23	7 10 1/2	10 8 s
27	We	Vera Cruz captured, 1847		5 15	5 52	6 19	4 3	9 17	8 20 1/2	10 54 s
28	Th	Gen. Thomas died, 1870		4 57	5 51	6 19	4 43	10 8	9 20 1/2	11 28 s
29	Fri	Planet Vesta discovered, 1807		4 39	5 49	6 20	5 16	10 57	10 14 1/2	11 55 s
30	Sa	Crimean War ends, 1856		4 20	5 48	6 21	5 46	11 44	11 5 1/2	.....
(13.) 4th Sunday in Lent. John 6. Day's length, 12 h. 36 m.										
31	S	John C. Calhoun died, 1850		4 2	5 46	6 22	6 15	Ev 29	0 18 s	0 22 1/2

As soon as there are indications of a felon apply a poultice of equal parts of saltpetre

and brimstone, mixed with sufficient lard to make a paste; renew as soon as it gets dry.



PARTICULARLY POLITE.

VERY POLITE YOUNG LADY (to tramp).—"Do you take sugar in your tea?"
TRAMP.—"When I kin git it!"

From D. J. Dominique, Paincourtville, Louisiana, February 4, 1886:

We keep your Hostetter's Stomach Bitters. My father, Dr. J. Dominique, sold perhaps a thousand bottles during his practice.

A CELEBRATED lawyer, who was also well known for the repulsiveness of his features, once attacked a prisoner with great bitterness. The judge advised him several times to use more moderation, but the lawyer continued his tirade: "The wretch bears his character in his face—any one may read it. Why, he's the ugliest man I ever knew." "Counsellor," again interrupted the judge, "you are forgetting yourself."

I REMEMBER on one occasion speaking compassionately of the animal to a man whose life had been devoted to a fox-hunting district. Although I had enjoyed my own ride, I did feel that there was some philanthropy to be exercised for the fox himself, but on expressing it S. remarked, looking at me with a most curious expression: "Why,

ma'am, the foxes they wouldn't know wot to do without the 'unt. Why, they likes it, they does. It's all the fun they gets out of life," an argument that sounded irresistible.

From E. C. Zetter, Burnside, Illinois, April 19, 1886:

We sell Hostetter's Stomach Bitters to preachers, lawyers, doctors, the high and low, rich and poor, in fact everybody that is searching for a first class tonic, appetizer and blood purifier. For a first class Bitters in every respect she downs them all.

An illiterate vendor of beer wrote over his door at Harrowgate, "Bear sold here." "He spells the word quite correctly," said Hook, "as if he means to apprise us that the article is his own bruin."

Hook said of his servant that for the first three years he was as good a servant as ever came into a house, for the next two a kind and considerate friend, and afterward an abominably bad master.



MOON'S PHASES.

SAN FRANCISCO.

☾ FIRST QUARTER,	8 5 38 Morning.
☾ FULL MOON,	15 2 9 Evening.
☾ LAST QUARTER,	22 5 47 Morning.
☾ NEW MOON,	29 5 56 Evening.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun Slow	Sun Ris.	Sun Sets.	Moon Sets.	Moon South	High Water.
				M. S.	H. M.	H. M.	H. M.	H. M.	Morn. Even
1	Mo	Tamerlane died, 1405	♏	3 44	5 45	6 23	7 47	1 13	0 41 s 1 13 l
2	Tu	Thomas Jefferson born, 1743	♏	3 26	5 43	6 24	8 46	1 57	1 9 l 1 59 s
3	We	Bishop Heber died, 1826	♏	3 9	5 42	6 25	9 45	2 41	1 29 l 2 55 s
4	Th	First Newspaper in U. S., 1704	♏	2 51	5 40	6 26	10 42	3 27	1 48 l 3 48 s
5	Fri	Admiral Thatcher died, 1880	♏	2 33	5 39	6 27	11 37	4 14	2 15 l 4 41 s
6	Sa	Revolution in Brazil, 1831	♏	2 16	5 37	6 28	Mor.	5 1	2 58 l 5 52 s

(14.) 5th Sunday in Lent.

John 8.

Day's length, 12 h. 52 m.

7	S	Wordsworth born, 1770	♏	1 59	5 36	6 28	0 30	5 50	3 44 l 6 41 s
8	Mo	Louisiana enters U. S., 1812	♏	1 42	5 34	6 29	1 20	6 40	4 43 l 7 41 s
9	Tu	St. Louis Railroad Riots, 1886	♏	1 25	5 33	6 30	2 7	7 30	5 44 l 8 32 s
10	We	U. S. Bank incorporated, 1816	♏	1 9	5 31	6 31	2 47	8 19	6 50 l 9 24 s
11	Th	Rowland Hill died, 1833	♏	0 53	5 30	6 32	3 25	9 8	7 53 l 10 7 s
12	Fri	Gen. Canby killed, 1873	♏	0 37	5 28	6 33	3 59	9 57	8 52 l 10 42 s
13	Sa	James Buchanan born, 1791	♏	0 22	5 27	6 34	4 33	10 46	9 47 l 11 13 s

(15.) Palm Sunday.

Matt. 27.

Day's length, 13 h. 10 m.

14	S	Embargo Law repealed, 1814	♏	0 6	5 25	6 35	5 5	11 36	10 39 l 11 35 s
15	Mo	Shakespeare born, 1564	♏	Fast.	5 24	6 36	Ris.	Mor.	11 33 s 11 48 l
16	Tu	Battle of Culloden, 1746	♏	0 23	5 23	6 37	7 50	0 29	..... 0 56 s
17	We	Massacre of Waldenses, 1655	♏	0 37	5 21	6 37	9 2	1 23	0 30 l 1 56 s
18	Th	Lord Byron died, 1824	♏	0 51	5 20	6 38	10 14	2 20	0 56 l 2 56 s
19	Fri	Battle of Lexington, 1775	♏	1 4	5 19	6 39	11 23	3 20	1 30 l 4 5 s
20	Sa	Abernethy died, 1835	♏	1 17	5 18	6 40	Mor.	4 24	2 11 l 5 20 s

(16.) Easter Sunday.

John 20.

Day's length, 13 h. 25 m.

21	S	Battle of San Jacinto, 1836	♏	1 30	5 16	6 41	0 24	5 20	3 20 l 6 34 s
22	Mo	Madame De Staël born, 1766	♏	1 41	5 15	6 42	1 19	6 19	4 36 l 7 42 s
23	Tu	Stephen A. Douglas born, 1813	♏	1 52	5 13	6 43	2 6	7 15	5 54 l 8 43 s
24	We	Washington burned, 1814	♏	2 3	5 12	6 44	2 44	8 6	7 30 l 9 33 s
25	Th	Printing invented, 1441	♏	2 14	5 11	6 45	3 17	8 55	8 19 l 10 11 s
26	Fri	Capture of York, 1813	♏	2 24	5 10	6 46	3 48	9 41	9 21 l 10 41 s
27	Sa	First Collins Steamer, 1830	♏	2 33	5 8	6 46	4 18	10 25	10 17 l 11 38 s

(17.) Low Sunday.

John 20.

Day's length, 13 h. 40 m.

28	S	James Monroe born, 1758	♏	2 42	5 7	6 47	4 46	11 8	11 7 s 11 43 l
29	Mo	Great Eclipse in England, 1652	♏	2 51	5 6	6 48	5 14	11 52	0 1 s 11 43 l
30	Tu	Battle of Fontenoy, 1725	♏	2 58	5 5	6 49	5 44	Ev 37	..... 0 38 s

TO REMOVE MILDEW.—Mildew is best removed by dipping the clothes into a very weak solution of chloride of lime—a heaping

teaspoonful to a quart of water. If the stains do not at once disappear, place in the sun for a few minutes, then rinse thoroughly.

DR. WOOD'S LIVER REGULATOR

THE GREAT VEGETABLE PANACEA.

A Scientific preparation compounded from the best among the many
Herbs and Plants of

NATURE'S GREAT BOTANIC GARDEN.

A SURE, SPEEDY AND PERMANENT RELIEF FOR
*Saundice, Dyspepsia, Chills and Fever, Bilious-
ness, Sick Headache, Disordered Digestion,
Nervous and General Debility and the
many results of a Disordered
or Diseased Liver.*

The LIVER is the regulator of the human system, the main-spring in our body by which all the organs of our stomach are regulated and kept in healthful action. How important that it should not be neglected, and disease and sickness be permitted to obtain a foot-hold in the system. Keep your Liver healthy and your entire body will be so, and

DR. WOOD'S LIVER REGULATOR,
which has been before the public 16 years, and has become a reliable
HOUSEHOLD REMEDY,
is the best and most simple article you can use for the purpose.

For Sale by all Druggists.

Redington & Co.

SOLE AGENTS.

San Francisco, - - - California

FIFTH
MONTH.31
DAYS.

MOON'S PHASES.

SAN FRANCISCO.

☾	FIRST QUARTER,	D. H. M.	
☾	FULL MOON,	7 10 33	Evening.
☾	LAST QUARTER,	14 10 33	"
☾	NEW MOON,	21 1 44	"
		29 9 10	Morning.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun Fast.	Sun Ris.	Sun Sets.	Moon Sets.	Moon South.	High Water.	
				M. S.	H. M.	H. M.	H. M.	H. M.	Morn.	Even.
1 We		Gen. Heintzelman died, 1880		3 6	5 4	6 50	8 36	1 22	0 71	2 7s
2 Th		Jamaica discovered, 1494		3 13	5 2	6 51	9 31	2 8	0 251	2 51s
3 Fri		Machiavelli born, 1469		3 19	5 1	6 52	10 24	2 56	0 501	3 44s
4 Sa		Anarchist Riot in Chicago, 1886		3 25	5 0	6 53	11 15	3 44	1 171	4 17s

(18.) 2d Sunday after Easter.

John 10.

Day's length, 13 h. 55 m.

5 S		Lord Napier died, 1873		3 30	4 59	6 54	Mor.	4 33	2 41	5 2s
6 Mo		Humboldt died, 1859		3 34	4 58	6 55	0 1	5 22	3 61	5 54s
7 Tu		Salmon P. Chase died, 1873		3 38	4 57	6 55	0 43	6 11	4 141	6 48s
8 We		Battle of Palo Alto, 1846		3 41	4 56	6 56	1 23	6 59	5 221	7 36s
9 Th		Opening of Pacific Railroad, 1869		3 44	4 55	6 57	1 59	7 47	6 301	8 20s
10 Fri		Bank Panic, 1837		3 47	4 54	6 58	2 31	8 35	7 391	9 3s
11 Sa		Earthquake at Lima, 1746		3 49	4 53	6 59	3 2	9 23	8 451	9 41s

(19.) 3d Sunday after Easter.

John 16.

Day's length, 14 h. 8 m.

12 S		Jamestown settled, 1607		3 50	4 52	7 0	3 33	10 14	9 441	10 12s
13 Mo		Pope Pius IX. born, 1792		3 51	4 51	7 1	4 7	11 7	10 35s	10 451
14 Tu		Battle Crown Point, 1775		3 51	4 50	7 2	4 43	Mor.	11 32s	11 61
15 We		Daniel O'Connell died, 1847		3 51	4 49	7 3	Ris.	0 3	0 521	11 521
16 Th		Mrs. Hemans died, 1835		3 50	4 49	7 4	9 4	1 4	.....	1 54s
17 Fri		John Jay died, 1829		3 48	4 48	7 4	10 13	2 6	0 281	2 58s
18 Sa		Matamoras taken, 1846		3 46	4 48	7 5	11 11	3 9	1 41	3 57s

(20.) 4th Sunday after Easter.

John 16.

Day's length, 14 h. 19 m.

19 S		Anne Boleyn beheaded, 1536		3 44	4 47	7 6	Mor.	4 10	1 571	5 5s
20 Mo		Columbus died, 1506		3 40	4 46	7 7	0 3	5 9	3 71	6 16s
21 Tu		Dio Lewis died, 1883		3 36	4 45	7 8	0 46	6 2	4 281	7 15s
22 We		Alexander Pope died, 1688		3 31	4 45	7 8	1 22	6 53	5 411	8 6s
23 Th		Leopold von Ranke died, 1886		3 26	4 44	7 9	1 54	7 40	6 521	8 51s
24 Fri		Queen Victoria born, 1819		3 21	4 43	7 10	2 23	8 24	8 111	9 27s
25 Sa		Convention at Philadelphia, 1787		3 15	4 43	7 11	2 51	9 7	9 31	9 56s

(21.) Rogation Sunday.

John 16.

Day's length, 14 h. 30 m.

26 S		John Calvin died, 1564		3 9	4 42	7 12	3 18	9 50	10 0s	10 271
27 Mo		Habaeus Corpus enacted, 1679		3 2	4 42	7 12	3 47	10 35	10 45s	10 481
28 Tu		Noah Webster died, 1843		2 54	4 41	7 13	4 18	11 19	11 38s	11 31
29 We		Paris burned, 1871		2 47	4 41	7 14	Sets.	Ev 5	0 281	11 241
30 Th		Dr. Kane sails, 1853		2 38	4 41	7 15	8 20	0 52	1 241	11 481
31 Fri		Joan of Arc burned, 1431		2 30	4 40	7 15	9 11	1 40	.....	2 14s

A LITTLE girl calling with her mother at a new house, where the walls were not yet papered, exclaimed: "What a bald-headed house, mamma!"

Travelling Monie

HOSTETTER'S STOMACH BITTERS is a great traveller.

It has ere now circumnavigated the globe in a ship's locker. As a remedy for and preventive of sea sickness, it is the best extant. Landsmen who go to sea provided with it, escape altogether, or in a great measure, the qualms engendered by the heaving deep. To the tourist and the commercial buyer it renders more endurable that portion of a "life on the ocean wave," which he would otherwise probably spend in his berth during his usually sick transit—pardon the grim joke, reader—across the turbulent Atlantic. The captain, ere he goes on deck in stormy weather, fortifies himself against the smiting blast and the downpouring torrents, with this genial preventive of rheumatic aches, and coughs and colds. To the sojourner in tropical climes it

affords a safeguard against the injurious effects of heat and a strange diet upon the stomach, the bowels and the liver, and upon long voyages nullifies the influence of foul air between decks, scant, bad food, and brackish, unwholesome water, contaminated with bilge. Our mining populations look upon it as the surest preventive of the effects of miasma, fetid air, excessive toil and exposure in unhealthy locations and bad weather, and Western pioneers and emigrants find that it keeps off and remedies chills and fever, and other forms of malaria found in new clearings, and along the banks of streams where a virgin soil, yielding rank vegetation, that after retirement of freshets rots in the rays of the sun, exhales vapors poisonous to the system, unfortified by this benign and pleasant protective agent and remedy.

WHAT THERE IS IN A TON OF COAL.

From one ton of ordinary gas coal may be produced 1,500 pounds of coke, 20 gallons of ammonia water, and 140 pounds of coal tar. By destructive distillation the coal tar will yield 69.6 pounds of pitch, 17 pounds of creosote, 14 pounds heavy oils, 9.5 pounds of naphtha yellow, 6.3 pounds of naphthaline, 4.75 pounds naphthol, 2.25 pounds alazarin, 2.4 pounds solvent naphtha, 1.5 pounds phenol, 1.2 pounds aurine, 1.1 pounds benzine, 1.1 pounds aniline, 0.77 of a pound toluidine, 0.46 of a pound anthracine and 0.9 of a pound toluene. From the latter is obtained the new substance known as saccharine, which is 230 times as sweet as the best cane sugar, one part of it giving a very sweet taste to a thousand parts of water.—*Science.*

THE minister's wife sat on the front porch mending the clothes of one of her numerous property. A neighbor passing stopped in for a friendly chat. A large work-basket

half full of buttons sat on the floor of the porch. After various remarks of a gossipy nature, the visitor said: "You seem to be well supplied with buttons, Mrs. Goodman." "Yes, very well indeed." "My gracious! if there ain't two of the same buttons that my husband had on his last winter suit! I'd know 'em anywhere." "Indeed!" said the minister's wife, calmly; "I'm surprised to hear it, as all these buttons were found in the contribution box. I thought I might as well put them to some use, so I—what; must you go. Well, be sure and call again soon."

WOULD CROWD THROUGH.—"What kind of a man is he? good, bad or indifferent?" asked the court of a recent case. "Well, now," said the witness, "if you size him up alongside of Judas Iscariot, he looms up middling fair; but when you set him down between such fellows as you an' me, Judge, he does dwindle terrible surprisin'—he does for a fact."



MOON'S PHASES.

SAN FRANCISCO.

☾	FIRST QUARTER,.....	6 11 52 Morning.
☾	FULL MOON,	13 5 49 "
☾	LAST QUARTER,	19 11 26 Evening.
☾	NEW MOON,.....	23 0 44 Morning.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	SAN FRANCISCO.							High Water.	
				Sun Fast.	Sun Ris.	Sun Sets.	Moon Sets.	Moon South.			Morn.	Even
				M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	Sa	John Kelly died, 1886		2 21	4 40	7 16	9 59	2 29	0 13	7 13	3 13	s
(22.) Sunday after Ascension.				John 15-16.			Day's length, 14 h. 37 m.					
2	S	Treaty of Paris, 1814		2 11	4 39	7 16	10 44	3 18	0 50	7 13	3 48	s
3	Mo	Harvey died, 1685		2 1	4 39	7 17	11 24	4 7	1 37	7 13	4 25	s
4	Tu	Telegraph to China finished, 1871		1 51	4 39	7 18	Mor.	4 54	2 38	7 13	5 12	s
5	We	Count Cavour died, 1881		1 41	4 39	7 18	0 0	5 41	3 45	7 13	5 59	s
6	Th	Sebastopol bombarded, 1855		1 30	4 38	7 19	0 32	6 28	4 55	7 13	6 45	s
7	Fri	Richard M. Hoe, died, 1886		1 19	4 38	7 19	1 2	7 14	6 47	7 13	7 28	s
8	Sa	Garfield nominated, 1880		1 7	4 38	7 20	1 32	8 2	7 13	7 13	8 9	s
(23.) Pentecost—Whit Sunday.				John 14.			Day's length, 14 h. 42 m.					
9	S	Battle of Montebello, 1800		0 56	4 38	7 20	2 2	8 53	8 39	7 13	8 40	l
10	Mo	Dutch land at New York, 1667		0 44	4 38	7 21	2 36	9 46	9 39	7 13	9 13	l
11	Tu	Narragansett disaster, 1880		0 32	4 38	7 21	3 14	10 44	10 46	7 13	9 46	l
12	We	Vallandigham shot, 1871		0 20	4 38	7 22	3 56	11 45	11 53	7 13	10 24	l
13	Th	Ludwig II. suicides, 1886		0 8	4 38	7 22	Ris.	Mor.	0 50	7 13	10 56	l
14	Fri	Battle of Marengo, 1800		Slow	4 38	7 22	8 56	0 49	1 59	7 13	11 50	l
15	Sa	Magna Charta granted, 1215		0 18	4 38	7 23	9 54	1 54	.....	7 13	2 51	s
(24.) Trinity Sunday.				John 3.			Day's length, 14 h. 45 m.					
16	S	Joseph Butler died, 1782		0 31	4 38	7 23	10 43	2 55	0 53	7 13	3 38	s
17	Mo	Battle of Bunker Hill, 1775		0 44	4 38	7 24	11 22	3 54	1 50	7 13	4 33	s
18	Tu	Gen. Sutter died, 1880		0 57	4 38	7 24	11 56	4 47	2 50	7 13	5 30	s
19	We	Gen. Greene died, 1776		1 10	4 38	7 24	Mor.	5 37	4 16	7 13	6 22	s
20	Th	Battle of Flodden Field, 1513		1 23	4 38	7 24	0 26	6 23	4 32	7 13	7 5	s
21	Fri	Summer begins.		1 36	4 39	7 25	0 55	7 6	6 41	7 13	7 43	s
22	Sa	French Princes expelled, 1886		1 49	4 39	7 25	1 23	7 50	7 47	7 13	8 28	l
(25.) 1st Sunday after Trinity.				Luke 16.			Day's length, 14 h. 46 m.					
23	S	Battle of Solferino, 1850		2 2	4 39	7 25	1 51	8 33	8 46	7 13	9 0	l
24	Mo	Gen. Hancock nominated, 1880		2 15	4 39	7 25	2 21	9 13	9 50	7 13	9 25	l
25	Tu	Battle of Lundy's Lane, 1813		2 27	4 40	7 25	2 53	10 3	10 51	7 13	9 47	l
26	We	David Davis died, 1886		2 39	4 40	7 25	3 29	10 49	11 47	7 13	10 10	l
27	Th	Hiram Powers died, 1873		2 52	4 41	7 25	4 9	11 37	0 36	7 13	10 33	l
28	Fri	Str. Seewanhaka burned, 1880		3 4	4 41	7 25	Sets.	Ev26	1 27	7 13	11 11	l
29	Sa	Henry Clay died, 1850		3 16	4 41	7 25	8 42	1 15	2 11	7 13	11 51	l
(26.) 2d Sunday after Trinity.				Luke 14.			Day's length, 14 h. 43 m.					
30	S	Montezuma died, 1530		3 23	4 42	7 25	9 24	2 4	.....	7 13	2 49	s

LITTLE BOY (to theatrical manager).—"Pa, why is this called a free country?" Mana-

ger—"Because everybody wants to get in without paying."



AN ACCIDENT OF BIRTH

FIRST WAYFARER.—“Well, but if you’re a Dublin man, how came you to be born in Cork?”

SECOND WAYFARER.—“Sure it was just this—I was staying there at the toime.”

SIR ROBERT PEEL, speaking of Lord Eldon, remarked that “e’en his failings leaned to virtue’s side,” upon which it was observed that his lordship’s failings resembled the leaning tower of Pisa, which, in spite of its long inclination, had never yet gone over.

From *Bevier & Hartz*, Aurora, Illinois, April 17, 1886:

Your almanacs are always called for. Without your Bitters a drug store would have to pull in her gilt mortar. Nearly every drug order has Hostetter’s Stomach Bitters in it.

ONCE in a while clergymen permit themselves to say very startling things. A Western pastor, in his sermon the other day, made the following statement: “If Jesus Christ ran a carpenter shop here in this city, there are fully one-half of our church members who drive up to our churches in their fine carriages, who would not speak to him. He could not get social recognition

unless he lived on Summit avenue, or belonged to a club.”

From *W. L. West*, Oakland City, Indiana, May 4, 1886:

Your Hostetter’s Stomach Bitters hardly ever fail to relieve dyspepsia.

“WHAT a truly good woman Rev. Mrs. P. is,” remarked a gentleman, referring to the wife of a fashionable minister, “I don’t think I ever met a lady of more character and worth. She must be a great help to her husband in his ministerial work.” “Oh, yes,” responded the gentleman’s wife, “she is. She practices what he preaches.”

MR. BROWN and his wife happened to be in the depot when an emigrant train came in. When the newly arrived foreigners, in their picturesquely dirty costumes, emerged from the train, the lady inquired, “What are all these people, Henry?” “That’s a job lot of American citizens just come in,” was the reply.

SEVENTH
MONTH.31
DAYS.

MOON'S PHASES.

SAN FRANCISCO.

☾	FIRST QUARTER,
☾	FULL MOON,
☾	LAST QUARTER,
☾	NEW MOON,

D.	H.	M.	
5	9	50	Evening.
12	0	53	"
19	11	36	Morning.
27	3	51	Evening.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constell'n	Sun Slow	Sun Ris.	Sun Sets.	Moon Sets.	Moon South	High Water.	
				M. S.	H. M.	H. M.	H. M.	H. M.	Morn	Even.
									H. M.	H. M.
1	Mo	Battle of Porto Novo, 1781	♏	3 40	4 42	7 25	10 1	2 52	0 35	3 9 s
2	Tu	Puritans leave England, 1620	♏	3 51	4 43	7 25	10 34	3 39	1 24	3 38 s
3	We	West Indies taken, 1779	♏	4 2	4 43	7 25	11 4	4 25	2 22	4 12 s
4	Th	George Ripley died, 1880	♏	4 13	4 44	7 25	11 33	5 10	3 30	4 54 s
5	Fri	Independence of Venezuela, 1811	♏	4 23	4 44	7 25	Mor.	5 56	4 41	5 37 s
6	Sa	Paul H. Hayne died, 1886	♏	4 33	4 45	7 24	0 3	6 43	6 0 s	6 10 l

(27.) 3d Sunday after Trinity.

Luke 15.

Day's length, 14 h. 39 m.

7	S	Edmund Burke died, 1797	♏	4 43	4 45	7 24	0 31	7 34	7 12 s	6 46 l
8	Mo	Gen. Zach. Taylor died, 1850	♏	4 52	4 46	7 24	1 8	8 27	8 32 s	7 32 l
9	Tu	Braddock's Defeat, 1755	♏	5 1	4 47	7 24	1 47	9 26	9 49 s	8 23 l
10	We	Tobacco in England, 1586	♏	5 9	4 47	7 23	2 33	10 27	10 58 s	9 4 l
11	Th	Earthquake in New Zealand, 1886	♏	5 17	4 48	7 23	3 24	11 31	0 4 s	10 4 l
12	Fri	Battle of the Boyne, 1690	♏	5 25	4 48	7 22	Ris.	Mor.	0 55 s	10 57 l
13	Sa	Napoleon surrendered, 1815	♏	5 32	4 49	7 22	8 31	0 36	1 43 s	11 55 l

(28.) 4th Sunday after Trinity.

Luke 6.

Day's length, 14 h. 31 m.

14	S	Bastile captured, 1789	♏	5 38	4 50	7 21	9 16	1 37	.....	2 25 s
15	Mo	Cawnpore Massacre, 1857	♏	5 44	4 51	7 21	9 53	2 35	0 51 l	3 20 s
16	Tu	Herschel V. Johnson died, 1880	♏	5 50	4 51	7 20	10 26	3 27	1 48 l	3 40 s
17	We	John Jacob Astor born, 1763	♏	5 55	4 52	7 20	10 55	4 17	2 50 l	4 26 s
18	Th	Maximilian shot, 1867	♏	5 59	4 53	7 19	11 24	5 3	4 2 l	5 12 s
19	Fri	Spanish Armada defeated, 1588	♏	6 3	4 54	7 18	11 53	5 47	5 16 s	6 0 l
20	Sa	Queen Anne died, 1711	♏	6 6	4 54	7 18	Mor.	6 30	6 18 s	6 36 l

(29.) 5th Sunday after Trinity.

Luke 5.

Day's length, 14 h. 22 m.

21	S	Robert Burns died, 1796	♏	6 9	4 55	7 17	0 23	7 15	7 26 s	7 13 l
22	Mo	Council at Nice, 325	♏	6 11	4 55	7 17	0 55	8 0	8 39 s	7 49 l
23	Tu	Gibraltar taken, 1604	♏	6 13	4 56	7 16	1 30	8 46	9 49 s	8 24 l
24	We	Martin Van Buren died, 1862	♏	6 15	4 57	7 15	2 8	9 33	10 50 s	8 55 l
25	Th	Battle of Aboukir, 1799	♏	6 15	4 58	7 14	2 52	10 22	11 49 s	9 33 l
26	Fri	Coleridge died, 1834	♏	6 15	4 58	7 14	3 40	11 11	0 33 s	10 11 l
27	Sa	Str. Golden Gate wrecked, 1862	♏	6 15	4 59	7 13	Sets.	Ev-1	1 9 s	10 57 l

(30.) 6th Sunday after Trinity.

Matt. 5.

Day's length, 14 h. 12 m.

28	S	Wilberforce died, 1833	♏	6 14	5 0	7 12	8 2	0 49	1 45 s	11 42 l
29	Mo	First Almanac printed, 1472	♏	6 12	5 1	7 11	8 36	1 37	.....	2 16 s
30	Tu	William Penn died, 1718	♏	6 10	5 2	7 10	9 8	2 23	0 31 l	2 21 s
31	We	Abbe Listz died, 1836	♏	6 7	5 3	7 9	9 37	3 9	1 20 l	2 44 s

OYSTER FRITTERS.—Drain off the juice and add to it a cup of milk, three eggs, salt and pepper, and flour enough

to make a thick batter; stir in the oysters; drop from a large spoon into hot lard to fry.

Too Much Medicine.

PEOPLE really are apt to physic too much. Medicine is a good thing. So is the observance of the laws of health, with which constant potion and pill swallowing is inconsistent. Moliere, the most humorous of Frenchmen, has depicted in his comedy, *La Malade Imaginaire*, the condition of the man who suspects himself to be unwell. The true way to avoid ill health is to keep health when you've got it. In order to retain it, it is not necessary to be constantly taking physic. The gentle compromise between a rank cathartic, a potent sedative, and an influential diuretic is *Hostetter's Stomach Bitters*, a tonic and a real one. It relieves, it quiets and it strengthens. If the stomach is out of order, it will

invigorate it, if the bowels are irregular it will regulate them, if the kidneys and bladder need stimulation, it will afford them that. It is, without being a panacea for all bodily ills, a thorough, reliable invigorant. It could not be this if it were not, in its components, perfectly wholesome. This is not a matter of argument, but a fact, susceptible as all facts are, of contradiction, but at the same time true, possible of proof. Surely the American public cannot be mistaken when they individually affirm, over their own signatures, that this preparation does what it is claimed to do, and most assuredly respectable physicians would not iterate the fact, if there were not such abundant and convincing evidence of its truthfulness.

THE HUMAN FAMILY.

The human family living to-day consists of about 1,450,000,000 individuals. In Asia, where man was first planted, there are now about 800,000,000, on an average 120 to the square mile. In Europe there 320,000,000, averaging 100 to the square mile. In Africa there are 210,000,000. In America, North and South, there 110,000,000, relatively thinly scattered and recent. In the islands, large and small, probably 10,000,000. The extremes of the white and black are as five to three, the remaining 700,000,000 intermediate brown and tawny. Of the race 500,000,000 are well clothed, that is wear garments of some kind and live in houses partly furnished with the appointments of civilization; 700,000,000 are semi-clothed, living in huts and caves with no furnishing; 250,000,000 are practically naked, having nothing that can be called a home, are barbarous and savage. The range is from the topmost round—the Anglo-Saxon civilization, which is the highest known—down to naked savagery. The portion of the race lying below the line of human condition is at the very least three-fifths of the whole, or 900,000,000,

A MINISTER made an interminable call upon a lady of his acquaintance. Her little daughter, who was present, grew weary of his conversation, and whispered in an audible key: "Don't he bring his amen with him, mamma?"

ALL the people now living in the world, say 1,450,000,000, could find standing room within the limits of a field 100 miles square. In a field 200 miles square they could all be comfortably seated.

POULTRY farming doesn't take a great deal of land, but with good management the harvest comes every day, and though it is small, its multiplication by all the days of the year, makes a sum that compares favorably with more pretentious ventures.

Good tillage is the strongest weapon with which the farmer can fight hard times and gain success. Imperfect culture, on the other hand, will scarcely enable him to gain a living from the richest soil, and the soil will deteriorate rapidly in quality from such treatment besides.

EIGHTH
MONTH.31
DAYS.

MOON'S PHASES.

SAN FRANCISCO.

- ③ FIRST QUARTER,.....
 ④ FULL MOON,
 ⑤ LAST QUARTER,.....
 ⑥ NEW MOON,.....

D.	H.	M.	
4	5	18	Morning.
10	8	34	Evening.
18	2	42	Morning.
26	5	51	"

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellation	Sun Slow	Sun Ris.	Sun Sets.	Moon Sets.	Moon South	High Water.
				M S.	H. M.	H. M.	H. M.	H. M.	Morn. Even.
1	Th	Battle of the Nile, 1798		6 3	5 4	7 8	10 6	3 54	2 15 3 11 s
2	Fri	Plague in London, 1563		5 58	5 5	7 7	10 36	4 40	3 18 3 46 s
3	Sa	Atlantic Cable landed, 1858		5 53	5 6	7 6	11 8	5 28	4 23 s 4 33 l
(31.) 7th Sunday after Trinity.				Mark 8.		Day's length, 13 h. 58 m.			
4	S	Samuel J. Tilden died, 1886		5 48	5 7	7 5	11 43	6 19	5 41 s 5 15 l
5	Mo	Gen. Howe died, 1799		5 42	5 7	7 4	Mor. 7 13	7 1 s	6 1 l
6	Tu	Dublin Riots, 1871		5 35	5 8	7 3	0 25	8 12	8 21 s 6 58 l
7	We	Riots in Belfast, 1886		5 28	5 9	7 2	1 13	9 13	9 45 s 7 51 l
8	Th	Napoleon banished, 1815		5 20	5 10	7 1	2 9	10 16	11 0 s 9 0 l
9	Fri	William Bigler died, 1880		5 12	5 11	7 0	3 13	11 18	11 58 s 10 0 l
10	Sa	Greenwich Observatory founded, 1675		5 3	5 11	6 58	4 21	Mor. 0 44 s	10 56 l
(32.) 8th Sunday after Trinity.				Matt. 7.		Day's length, 13 h. 45 m.			
11	S	Barbadoes devastated, 1831		4 53	5 12	6 57	Ris. 0 17	1 21 s	11 47 l
12	Mo	King Philip shot, 1676		4 43	5 13	6 56	8 22	1 13	1 55 s
13	Tu	Cortez took Mexico, 1521		4 32	5 14	6 55	8 54	2 5	0 41 l 2 25 s
14	We	Farragut died, 1870		4 21	5 15	6 54	9 24	2 54	1 35 l 2 55 s
15	Th	Walter Scott born, 1771		4 9	5 15	6 52	9 53	3 40	2 31 l 3 28 s
16	Fri	Capture of Delhi, 1857		3 56	5 16	6 51	10 22	4 35	3 32 s 4 15 l
17	Sa	Frederick the Great died, 1786		3 43	5 17	6 50	10 53	5 10	4 33 s 4 58 l
(33.) 9th Sunday after Trinity.				Luke 16.		Day's length, 13 h. 31 m.			
18	S	Ole Bull died, 1880		3 30	5 18	6 49	11 27	5 55	5 48 s 5 37 l
19	Mo	Garibaldi leaves Sicily, 1860		3 17	5 19	6 48	Mor. 6 41	7 2 s	6 14 l
20	Tu	Chicago Anarchists convicted, 1886		3 2	5 19	6 46	0 4	7 23	8 14 s 6 59 l
21	We	Lafayette taken, 1792		2 48	5 20	6 45	0 47	8 16	9 25 s 7 29 l
22	Th	New Mexico annexed, 1846		2 33	5 21	6 44	1 34	9 6	10 3 s 8 27 l
23	Fri	Com. Perry died, 1820		2 17	5 22	6 43	2 26	9 55	11 27 s 9 12 l
24	Sa	Gen. Myer died, 1880		2 1	5 23	6 41	3 23	10 44	0 10 s 9 56 l
(34.) 10th Sunday after Trinity.				Luke 19.		Day's length, 13 h. 16 m.			
25	S	Delaware Bay discovered, 1609		1 45	5 24	6 40	4 21	11 33	0 44 s 10 40 l
26	Mo	Castelar elected, 1873		1 25	5 25	6 38	Sets. Ev. 20	1 14 s	11 29 l
27	Tu	Battle of Long Island, 1776		1 11	5 26	6 37	7 49	1 6	1 43 s
28	We	First Locomotive in U. S., 1830		0 54	5 27	6 35	8 9	1 52	0 18 l 1 42 s
29	Th	Garibaldi captured, 1862		0 36	5 23	6 34	8 33	2 39	1 8 l 2 4 s
30	Fri	Dr. Webster hung, 1850		0 18	5 23	6 32	9 10	3 26	2 9 s 2 19 l
31	Sa	Earthquake in Charleston, 1886		Fas. 1	5 29	6 31	9 44	4 15	3 9 s 2 43 l

THE Medical Record discusses the question "How to sleep," and gives a long scientific formula for inducing sleep. What's the matter with going to church.

WHAT is more pathetic than to see the simple faith with which a bald-headed man will buy an infallible hair restorative from a bald-headed barber.



HORRIFIED CONDUCTOR (to near-sighted old lady, who has been trying to stop the car).—"Hold on, ma'am! that's not the bell!—that's the indicator! You have rung off more fares than I can pay in a month."

A CELEBRATED divine was preaching before the king and court in Stuart times, when the monarch and several noblemen "nodded gentle assent" to all he said, for "they slumbered and slept." The divine, wishful to reprove, but fearful to offend, at last summoned courage to shout to one of the somnolent nobles, "My lord, my lord, don't snore so loud, or you'll wake his majesty."

From C. S. Slat, Haverstraw, N. Y., June 16, 1886:

I sell a good deal of Hostetter's Stomach Bitters, which give entire satisfaction, and are as represented.

A POOR BARGAIN.—There is a new baby on Deer Hill avenue. It is a small one. Its little five year old sister watched it carefully for a few minutes yesterday, and then turning to its mother said: "Mamma, couldn't papa have paid another dollar and got a larger one."

A YOUNG gentleman who was known to be engaged in lobbying a bill, in which he was personally interested, through the board of

aldermen, was asked: "Well, did you persuade them to pass your bill?" "Yes," said he, pulling out his pocket book, "I purse-swayed them."

From Drs. Matchette & Stradley, Bourbon, Ind., April 27, 1886:

Hostetter's Stomach Bitters, as for the last quarter of a century, have been sold by us here as staple as quinine or salts, and as sure in their effects. We would have to shut up shop if we stopped handling them.

ONE of the cruelest retorts made by any musical audience is reported from California. A vocalist was warbling to her own great satisfaction: "Oh! would I were a bird." A rough miner replied: "Oh! would I were a gun."

From D. W. Hyde, Pittsfield, Illinois, April 22, 1886:

Your Hostetter's Stomach Bitters retain their original purity, and have the entire confidence of the people, who purchase them strictly for their medicinal qualities.



MOON'S PHASES.

SAN FRANCISCO.

☾ FIRST QUARTER,.....	D. H. M.	
☾ FULL MOON,.....	2 11 25	Morning.
☾ LAST QUARTER,.....	9 5 43	"
☾ NEW MOON,.....	16 8 40	Evening.
	24 6 33	"

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun Fast.	Sun Ris.	Sun Sets.	Moon Sets.	Moon South.	High Water.
				M. S.	H. M.	H. M.	H. M.	H. M.	Morn. Even
									H. M. H. M.
(35.)		11th Sunday after Trinity.		Luke 18.			Day's length, 12 h. 59 m.		
1	S	Cetewayo captured, 1879	♏	0 19	5 30	6 29	10 23	5 8	4 25 s 3 25 l
2	Mo	Great Fire in London, 1666	♏	0 38	5 31	6 28	11 6	6 3	5 54 s 4 28 l
3	Tu	Oliver Cromwell died, 1658	♏	0 58	5 32	6 26	11 58	7 2	7 12 s 5 18 l
4	We	Fahrenheit died, 1776	♏	1 18	5 32	6 25	Mor.	8 3	8 37 s 6 37 l
5	Th	Cholera in London, 1854	♏	1 38	5 33	6 23	0 58	9 4	9 52 s 7 54 l
6	Fri	Battle of Leipsic, 1631	♏	1 58	5 34	6 22	2 4	10 3	10 54 s 9 6 l
7	Sa	Independence of Brazil, 1822	♏	2 18	5 35	6 20	3 13	11 0	11 41 s 10 7 l

(36.)		12th Sunday after Trinity.		Mark 7.			Day's length, 12 h. 43 m.		
8	S	Capture of Sebastopol, 1855	♏	2 39	5 36	6 19	4 25	11 52	0 19 s 11 5 l
9	Mo	United States first so called, 1776	♏	3 0	5 36	6 17	Ris.	Mor.	..... 0 50 s
10	Tu	Perry's Victory, 1813	♏	3 21	5 37	6 16	7 22	0 42	0 0 l 1 6 s
11	We	Battle of Brandywine, 1777	♏	3 42	5 38	6 14	7 52	1 30	0 42 l 1 30 s
12	Th	Mendelssohn born, 1809	♏	4 3	5 39	6 12	8 21	2 16	1 34 s 2 0 l
13	Fri	Quebec taken, 1759	♏	4 24	5 40	6 11	8 51	3 2	2 18 s 2 25 l
14	Sa	Humboldt born, 1769	♏	4 45	5 41	6 9	9 24	3 48	3 15 s 2 56 l

(37.)		13th Sunday after Trinity.		Luke 10.			Day's length, 12 h. 26 m.		
15	S	Gen. Scott takes Mexico, 1847	♏	5 7	5 42	6 8	10 1	4 34	4 22 s 3 36 l
16	Mo	Moscow burned, 1812	♏	5 28	5 43	6 6	10 40	5 21	5 36 s 4 24 l
17	Tu	Mt. Ceniz Tunnel opened, 1871	♏	5 49	5 44	6 5	11 26	6 9	6 50 s 5 10 l
18	We	Jay Cooke & Co. failed, 1873	♏	6 10	5 45	6 3	Mor.	6 58	8 4 s 6 6 l
19	Th	First Battle of Paris, 1870	♏	6 31	5 45	6 2	0 16	7 48	9 6 s 7 6 l
20	Fri	Bishop Hobart died, 1831	♏	6 42	5 46	6 0	1 9	8 37	10 4 s 8 5 l
21	Sa	Robert Emmett hung, 1803	♏	7 13	5 47	5 59	2 8	9 25	10 53 s 8 57 l

(38.)		14th Sunday after Trinity.		Luke 17.			Day's length, 12 h. 9 m.		
22	S	Planet Neptune discovered, 1846	♏	7 34	5 48	5 57	3 8	10 13	11 31 s 9 43 l
23	Mo	Autumn begins.	♏	7 54	5 49	5 56	4 12	11 0	0 24 s 10 37 l
24	Tu	Pope Innocent died, 1143	♏	8 14	5 49	5 54	5 15	11 47	0 27 s 11 27 l
25	We	Pacific Ocean discovered, 1513	♏	8 35	5 50	5 53	Sets.	Ev34	..... 0 41 l
26	Th	Philadelphia taken, 1777	♏	8 55	5 51	5 51	7 11	1 22	0 26 s 0 36 l
27	Fri	Steamer Arctic lost, 1854	♏	9 15	5 52	5 49	7 45	2 11	1 20 s 0 54 l
28	Sa	Spanish Revolution, 1323	♏	9 35	5 53	5 48	8 21	3 4	2 18 s 1 13 l

(39.)		15th Sunday after Trinity.		Matt. 6.			Day's length, 11 h. 52 m.		
29	S	South Sea Bubble, 1720	♏	9 54	5 51	5 46	9 4	3 59	3 22 s 1 56 l
30	Mo	Whitfield died, 1779	♏	10 14	5 55	5 45	9 51	4 57	4 35 s 2 41 l

A COUPLE of visitors from a rural district in the House gallery were trying to pick out their Congressman on the floor. "I can't

distinguish him," said one, after a hopeless search. "Of course not," was the honest reply, "he can't even distinguish himself."

A Lesson of Experience.

COMMON sense is a rarer endowment than most people imagine. We will take the aggravated case of a person who year after year suffers from chills and fever, dumb ague or bilious remittent, apparently satisfied to mitigate the atrocious malady with repeated and appallingly large doses of quinine. He has heard of *Hostetter's Stomach Bitters*, but mechanically, as if by compulsion, sticks to the old drug, which slowly poisoned his father and mother, and is shortening his own life, and that of his agueish wife and offspring. This particular form of neglect is less frequently met with now than it was ere science discovered a succedaneum for the abominable drug. Over thirty years ago the welcome truth flashed upon the fever-stricken of the land and the medical fraternity, that a remedy was at hand doubly valuable as a curative and safeguard, and moreover, botanic, safe and genial. What wonder

that it won unprecedented popularity almost at the outset of its career. It was introduced where most needed, namely, in those portions of the West where the endemic scourge is particularly prevalent, and in the pest-ridden mining camps of California, where not only malaria, but malignant diseases of the stomach, liver and bowels played dreadful havoc. Wherever it was tried it bore the test triumphantly. In the few instances where it met with antique prejudice, when weighed in the balance, up flew prejudice, and down went the Bitters side of the scale, sufficient of itself to tip the beam, but additionally weighted with popular appreciation. Its early fame, won under circumstances well calculated to test the worth of any medicine, has clung to it, and expanded not only throughout this continent, but in other lands, where the maladies to which it is adapted are specially prevalent.

THE KNOT AND THE MILE.—The "knot" and the mile are terms often used interchangeably, but erroneously so. The fact is that a mile is less than 87 per cent of a knot. Three and one-half miles are equal, within a very small fraction, to three knots. The knot is 6,082.66 feet in length. The statute mile is 5,280 feet. The result of the difference is that speed in miles per hour is always considerably larger than when stated in knots, and if a person forgets this and states the speed at so many knots, when it was really so many miles, he may be giving figures verging on the incredible.

A HINT WAS SUFFICIENT.—At a house in Ohio where a minister was boarding, the servant girl was anxious to anticipate everything in her work that any one wished her to do. She had always "just done it," or was "just doing it" when the order was

given. This amused the young divine, and on one occasion he thought to nonplus the girl by a ruse. "I don't think Eliza has washed my bible since I have been here," he said to the mistress, in a low tone, but designed to be overheard by the girl. A few minutes later the mistress said to her in the presence of the clergyman, "Eliza, have you washed Mr. Blank's bible?" "No, ma'am; but I've got it asoak."

TEMPERATURE OF ROOMS.—Pride should yield rather than health suffer, and we say confine yourself in winter to the number of rooms that you can keep at from 65 deg. to 70 deg. The former temperature makes a nice sleeping room; the latter a pleasant sitting room. Where kitchen and sitting rooms are kept at 70 deg., by keeping the doors into bed rooms open, night and day, they can easily be kept in the sixties.




MOON'S PHASES.

SAN FRANCISCO.

☾	FIRST QUARTER,.....	1	5	24	Evening.
☾	FULL MOON,.....	8	5	16	"
☾	LAST QUARTER,.....	16	4	23	"
☾	NEW MOON,.....	24	6	17	Morning.
☾	FIRST QUARTER,.....	31	0	21	"


Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun Fast.		Sun Ris.	Sun Sets.	Moon Sets.	Moon South	High Water.	
				M	S.	H. M.	H. M.	H. M.	H. M.	Morn.	Even.

1	Tu	Fulton's first Steamboat Trip, 1807		{	10 33	5 56	5 43	10 48	5 56	6 3 s	4 3 l
2	We	Major Andre hung, 1780		{	10 52	5 57	5 42	11 52	6 56	7 21 s	5 21 l
3	Th	Battle of Wurtemberg, 1813		{	11 10	5 58	5 40	Mor.	7 55	8 32 s	6 44 l
4	Fri	George Baneroft born, 1800		{	11 23	5 58	5 39	1 0	8 51	9 37 s	8 3 l
5	Sa	Battle of Thames, 1813		{	11 46	5 59	5 37	2 11	9 43	10 29 s	9 15 l

(40.) 16th Sunday after Trinity.

Luke 7.




Day's length, 11 h. 36 m.

6	S	Jenny Lind born, 1820		12	4	6	0	5	36	3	19	10	33	11	7 s	10	17 l
7	Mo	Edgar A. Poe died, 1849		12	21	6	1	5	34	4	26	11	21	11	36 s	11	12 l
8	Tu	Great Fire in Chicago, 1871		12	37	6	2	5	33	5	25	Mor.	11	59 s	.....	
9	We	Florida purchased, 1820		12	51	6	3	5	31	Ris.	0	8	0	3 s	0	17 l	
10	Th	Father Matthew born, 1790		13	9	6	4	5	30	6	49	0	54	0	35 s	0	38 l
11	Fri	Gen. Pulaski died, 1799		13	25	6	5	5	28	7	22	1	39	1	28 s	0	54 l
12	Sa	King John died, 1216		13	39	6	6	5	27	7	56	2	26	2	22 s	1	18 l

(41.) 17th Sunday after Trinity.

Luke 14.

Day's length, 11 h. 18 m.

13	S	Murat shot, 1815		{	13	53	6	7	5	25	8	35	3	13	3	18 s	1	48 l
14	Mo	Battle of Jena, 1806		}	14	7	6	8	5	24	9	18	4	1	4	14 s	2	27 l
15	Tu	Bank Panic, 1857		{	14	20	6	9	5	22	10	6	4	50	5	21 s	3	27 l
16	We	John Brown's Raid, 1859		}	14	33	6	10	5	21	10	58	5	40	6	27 s	4	32 l
17	Th	Burgoyne surrendered, 1777		{	14	44	6	11	5	20	11	55	6	29	7	30 s	5	36 l
18	Fri	Lord Palmerston died, 1865		}	14	55	6	12	5	19	Mor.	7	17	8	24 s	6	41 l	
19	Sa	Moscow evacuated, 1812		{	15	6	6	13	5	17	0	54	8	5	9	15 s	7	47 l

(42.) 18th Sunday after Trinity.

Matt. 22.






Day's length, 11 h. 2 m.

20	S	Lydia M. Child died, 1880		15	16	6	14	5	16	1	55	8	52	10	1 s	3	48 l
21	Mo	Lord Nelson died, 1805		15	25	6	15	5	15	2	57	9	38	10	38 s	9	44 l
22	Tu	Edict of Nantes revoked, 1685		15	31	6	16	5	14	4	0	10	25	11	8 s	10	37 l
23	We	Irish Rebellion, 1641		15	42	6	17	5	12	5	7	11	12	11	33 l	11	20 s
24	Th	Partition of Poland, 1795		15	49	6	18	5	11	Sets.	Ev	2	.....	.....	.....	0	2 l
25	Fri	Mrs. A. T. Stewart died, 1886		15	55	6	19	5	9	6	17	0	55	0	17 s	11	51 l*
26	Sa	Hogarth died, 1765		16	1	6	20	5	8	6	58	1	51	1	17 s	0	17 l

(43.) 19th Sunday after Trinity.

Matt. 9.

Day's length, 10 h. 46 m.

27	S	Brutus died, 45 B. C.		16	5	6	21	5	7	7	47	2	50	2	19 s	0	53 l
28	Mo	Bartholdi Statue unveiled, 1836		16	9	6	22	5	6	8	43	3	51	3	22 s	1	28 l
29	Tu	Walter Raleigh executed, 1613		16	13	6	23	5	4	9	44	4	52	4	40 s	2	40 l
30	We	Gov. Andrew died, 1867		16	16	6	24	5	3	10	52	5	51	6	0 s	4	2 l
31	Th	Nevada becomes a State, 1864		16	18	6	25	5	2	Mor.	6	47	7	14 s	5	26 l	

CRRY COUSIN (at ball, to country cousin.)—
 "Considerable difference betwixt this and a
 hop in the country, is there not?"

Country cousin—"Well—er—yes. Ye see
 they wear clothes all over 'em in our
 parts."

The Keystone of the Arch.

VIGOR is the keystone in the arch of health, which should span a lifetime from the cradle to the grave. Without it the structure must soon crumble and fall. Pseudo tonics, for its renewal when decaying, are as the sands of the sea. *Hostetter's Stomach Bitters* is the true means to the desired end. Calisthenics will improve, but not confer vigor, nor is it attainable solely through the agency of an alleged nutritious diet, any more than flesh is invariably to be acquired by Banting's method. To possess it a man need not have the strength of Atlas, nor a woman be as rosy and buxom as the typical milkmaid. Vigor means, briefly, the ability to digest, eat and sleep well, and to perform, when necessary, a reasonable amount of daily toil, whether mental or physical, without undue fatigue. It is not the lifter of ponderous dumb bells, nor the swinger of Indian clubs of portentous size, who is necessarily vigorous in the true sense. The import of vigor is the ability of the

body to perform its various functions regularly and thoroughly. Blessed with vigor man may defy influences prejudicial to health, to which he would otherwise succumb. This inestimable gift is conferred by *HOSTETTER'S STOMACH BITTERS*, the leading invigorant of this age and country. The debilitated who enter upon a course of this restorative of stamina, soon repose justifiable faith in it, since it effects a speedy appreciable improvement in digestion and assimilation, and removes, where they exist, those impediments to health, biliousness, and a constipated or irregular state of the bowels. The first result being brought about, and the latter obstacles on the road to health removed, the food taken into the stomach and assimilated by the system, enriches the blood, which is enabled to meet the demands made upon it by the other parts of the bodily economy, which it supplies with the constituents of bone, sinews, and all the other muscular tissues.

AFTER THE MARRIAGE.—A friend of the family takes the father of the bride aside any says, confidentially: "Do you know that your son-in-law is a terribly bad case, and is literally overwhelmed with debts?" "The deuce! you don't mean it!" "I am certain of it. Why, he has only taken your daughter to pay his creditors with her dowry." "And you didn't warn me before?" "You don't take me for a fool, do you? He owes me more than \$20,000."

TO REMOVE A PARTICLE FROM THE EYE.—Take a horse hair and double it, leaving a loop. If the object can be seen lay the loop over it, close the eye, and the mote will come out as the hair is withdrawn. If the irritating object cannot be seen, raise the lid of the eye as high as possible, and place the

loop as high as you can, close the eye, and roll the ball around a few times, draw out the hair, and the substance which caused the pain will be sure to come with it.

A BARRISTER, noticing that the court had gone to sleep, stopped short in the middle of his speech. The sudden silence awoke the judges, and the lawyer gravely resumed: "As I remarked yesterday, my lord."—The puzzled judges stared at each other, as though they half believed they had been asleep since the previous day.































It costs no more to keep pure poultry than to keep scrubs; you have the benefit of more perfect fowls, all of a kind, and attractive. You can obtain twice the market price for both eggs and breeding birds



MOON'S PHASES.

SAN FRANCISCO.

	D.	H.	M.	
☾ FULL MOON,.....	7	7	56	Morning.
☾ LAST QUARTER,.....	15	0	27	Evening.
☾ NEW MOON,.....	22	5	34	"
☾ FIRST QUARTER,.....	29	9	20	Morning.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellation	Sun	Sun	Sun	Moon	Moon	High Water.	
				Fast.	Ris.	Sets.	Sets.	South	Morn	Even.
				M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	Fri	Gen. Scott resigns, 1861		16 19	6 26	5 1	0 1	7 40	8 16 s	6 42 t
2	Sa	Vienna Exhibition closed, 1873		16 20	6 27	5 0	1 9	8 30	9 13 s	7 59 t
(44.) 20th Sunday after Trinity.				Matt. 22.		Day's length, 10 h. 31 m.				
3	S	Napoleon III. surrenders, 1870		16 19	6 28	4 59	2 16	9 17	9 59 s	9 9 t
4	Mo	George Peabody died, 1869		16 18	6 29	4 58	3 20	10 3	10 32 s	10 8 t
5	Tu	Gunpowder Plot discovered, 1605		16 16	6 30	4 57	4 22	10 48	10 59 s	11 3 t
6	We	Gen. Meade died, 1872		16 14	6 31	4 56	5 24	11 33	11 14 t	.....
7	Th	Battle of Tippecanoe, 1811		16 19	6 32	4 55	6 25	Mor.	0 4 s	11 32 t*
8	Fri	Cortez enters Mexico, 1519		16 5	6 34	4 54	Ris.	0 19	0 58 s	11 35 t*
9	Sa	John Milton died, 1674		15 59	6 35	4 53	6 30	1 6	1 35 s	0 0 t
(45.) 21st Sunday after Trinity.				John 4.		Day's length, 10 h. 16 m.				
10	S	Martin Luther born, 1483		15 53	6 36	4 52	7 11	1 54	2 26 s	0 24 t
11	Mo	Lucretia Mott died, 1880		15 46	6 37	4 51	7 58	2 43	3 18 s	1 3 t
12	Tu	Lucknow captured, 1857		15 38	6 38	4 50	8 48	3 32	4 3 s	1 51 t
13	We	French enter Vienna, 1805		15 30	6 39	4 50	9 43	4 22	4 49 s	2 57 t
14	Th	Charles Carroll died, 1832		15 20	6 40	4 49	10 41	5 10	5 45 s	4 6 t
15	Fri	Fort Mifflin taken, 1777		15 10	6 41	4 48	11 39	5 57	6 40 s	5 15 t
16	Sa	Tea destr'd in Boston Harbor, 1773		14 58	6 42	4 47	Mor.	6 43	7 29 s	6 22 t
(46.) 22d Sunday after Trinity.				Matt. 18.		Day's length, 10 h. 4 m.				
17	S	Bank of England founded, 1693		14 45	6 43	4 47	0 41	7 29	8 12 s	7 31 t
18	Mo	Cardinal Woolsey died, 1530		14 32	6 45	4 46	1 43	8 14	8 53 s	8 36 t
19	Tu	John Jay's Treaty, 1794		14 18	6 46	4 46	2 47	9 1	9 32 t	9 31 s
20	We	Chloroform first used, 1847		14 4	6 47	4 45	3 53	9 49	10 13 t	10 30 s
21	Th	Charles Francis Adams died, 1836		13 48	6 48	4 45	5 3	10 40	10 40 t	11 30 s
22	Fri	Sentence of Queen Mary, 1586		13 32	6 49	4 44	6 13	11 35	11 47	.....
23	Sa	France a Republic, 1792		13 15	6 50	4 44	Sets.	Ev 35	0 28 s	11 21 t*
(47.) 23d Sunday after Trinity.				Matt. 22.		Day's length, 9 h. 52 m.				
24	S	John Knox died, 1572		12 57	6 51	4 43	6 32	1 37	1 31 s	11 37 t*
25	Mo	Sir Henry Havelock died, 1857		12 39	6 52	4 43	7 34	2 40	2 35 s	0 35 t
26	Tu	East India Co. incorporated, 1700		12 19	6 53	4 43	8 40	3 43	3 30 s	1 32 t
27	We	Stereotyping invented, 1725		11 53	6 54	4 42	9 50	4 42	4 32 s	2 41 t
28	Th	Washington Irving died, 1859		11 37	6 55	4 42	11 0	5 37	5 41 s	4 7 t
29	Fri	King of Spain married, 1879		11 16	6 56	4 41	Mor.	6 28	6 44 s	5 30 t
30	Sa	Gen. Jefferson C. Davis died, 1879		10 54	6 57	4 41	0 8	7 16	7 36 s	6 46 t

A CHINAMAN is speaking to himself as he iron's a shirt showing evidence of having been well cared for, says, "Bachelor. Him

lady fix him." Picks up another, buttonless and all frayed at the wrist and neck, "Mal-lied man."



HE WAS ALL RIGHT.

"You don't mean to send us across the river in that horrid old boat, with that little boy?"

"'Tis all right, mum. Sure an the b'y can shwim loike a dook!"

From Maurice Ten Brink, M. D., New York City,
N. Y., August 16, 1886:

I find Hostetter's Stomach Bitters an admirable tonic in dyspepsia and general debility. I sold this year a good many bottles to the foreign population, especially Bohemians, and I prescribe it very often.

"Do you realize, sir," said the long-haired passenger, "that there is one who sees and hears all we do, who can solve our inmost thoughts, and before whom we are but crushed and bruised worms?" "Give us your hand, stranger," replied the other, "I know just how you feel. I'm married myself."

SYDNEY SMITH said of Macaulay: "He is a book in breeches. He is certainly more agreeable since his return from India. His enemies may have said before, though I never did so, that he talked rather too much; but now he has occasional flashes of silence that makes his conversations perfectly delightful."

It is not growing like a tree
In bulk, doth make man better be;
Or standing long an oak, three hundred year,
To fall a log at last, dry, bald and sere.

A lily of a day
Is fairer far in May,
Although it fall and die that night—
It is the plant and flower of life.
In small proportions we just beauties see,
And in short measures life may perfect be.

From R. E. Bretsch, M. D., Ringtown, Pa.,
August 6, 1886:

Hostetter's Stomach Bitters gives general satisfaction here as a tonic and appetizer, in all debilitated cases. It is one of the best stimulants I have in my store.

BETSY, an old colored cook, was moaning around the kitchen the other day, when her mistress asked her if she was ill. "No ma'm, not 'actly," said Betsy, "but the fac' 'is, I don't feel ambition 'nough to get out of my own way."



MOON'S PHASES.

N FRANCISCO

☾	FULL MOON,
☾	LAST QUARTER,
☾	NEW MOON,
☾	FIRST QUARTER,

D.	H.	M.	
7	1	43	Morning.
15	6	49	"
22	4	43	"
28	9	7	Evening.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun			Moon		High Water.	
				Fast.	Ris.	Sets.	Sets.	South	Morn.	Even
				M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
(48.) 1st Sunday in Advent.				Matt. 21.			Day's length, 9 h. 43 m.			
1	S	Czar's life attempted, 1879	☿	10 31	6 58	4 41	1 13	8 2	8 22s	7 58 1/2
2	Mo	Battle of Austerlitz, 1805	☿	10 28	6 59	4 41	2 15	8 46	9 3s	9 7 1/2
3	Tu	Revolution in England, 1688	☿	9 44	6 59	4 41	3 16	9 31	9 35s	10 7 1/2
4	We	Richelieu died, 1642	☿	9 20	7 0	4 41	4 17	10 15	10 11 1/2	11 1s
5	Th	Hayti discovered, 1492	☿	8 55	7 1	4 41	5 13	11 1	10 32 1/2	11 58s
6	Fri	Diet at Worms, 1640	☿	8 29	7 2	4 41	6 17	11 49	10 50 1/2	.....
7	Sa	Marshal Ney shot, 1815	☿	8 3	7 3	4 41	Ris.	Mor.	0 50s	11 10 1/2
(49.) 2d Sunday in Advent.				Luke 21.			Day's length, 9 h. 37 m.			
8	S	Father Matthew died, 1857	☿	7 37	7 4	4 41	5 53	0 37	1 36s	11 23 1/2
9	Mo	John Milton born, 1608	☿	7 10	7 5	4 41	6 43	1 27	2 17s	0 0 1/2
10	Tu	Mississippi admitted, 1817	☿	6 42	7 6	4 41	7 35	2 16	3 0s	0 40 1/2
11	We	Indiana admitted, 1816	☿	6 14	7 7	4 41	8 31	3 5	3 38s	1 29 1/2
12	Th	Bazaine sentenced, 1873	☿	5 45	7 7	4 41	9 29	3 52	4 17s	2 27 1/2
13	Fri	Samuel Johnson died, 1784	☿	5 17	7 8	4 42	10 23	4 38	5 1s	3 34 1/2
14	Sa	Washington died, 1799	☿	4 48	7 8	4 42	11 27	5 23	5 48s	4 44 1/2
(50.) 3d Sunday in Advent.				Matt. 11.			Day's length, 9 h. 33 m.			
15	S	Patent Office burnt, 1836	☿	4 19	7 9	4 42	Mor.	6 7	6 34s	5 52 1/2
16	Mo	The Virginus surrenders, 1873	☿	3 50	7 10	4 42	0 23	6 52	7 16 1/2	7 7s
17	Tu	Wood Engraving invented, 1460	☿	3 20	7 10	4 43	1 33	7 37	7 49 1/2	8 17s
18	We	N. J. adopted Constitution, 1787	☿	2 50	7 11	4 43	2 38	8 25	8 27 1/2	9 30s
19	Th	Battle of Niagara, 1813	☿	2 21	7 11	4 44	3 48	9 17	9 4 1/2	10 37s
20	Fri	Louis Napoleon President, 1848	☿	1 51	7 12	4 44	5 0	10 13	9 37 1/2	11 38s
21	Sa	Winter begins.	☿	1 20	7 12	4 45	6 12	11 14	10 12 1/2	.....
(51.) 4th Sunday in Advent.				John 1.			Day's length, 9 h. 32 m.			
22	S	George Eliot died, 1880	☿	0 50	7 13	4 45	Sets.	Ev 19	0 39s	10 39 1/2
23	Mo	Revolution in Hayti, 1858	☿	0 20	7 13	4 46	6 19	1 24	1 35s	11 37 1/2
24	Tu	Treaty of Ghent, 1814	☿	Slow	7 14	4 46	7 31	2 27	2 26s	0 38 1/2
25	We	Christmas Day.	☿	0 40	7 14	4 47	8 43	3 27	3 12s	1 38 1/2
26	Th	Gen. Logan died, 1886	☿	1 10	7 14	4 48	9 54	4 21	4 2s	2 48 1/2
27	Fri	William H. Dixon died, 1879	☿	1 39	7 15	4 48	11 2	5 12	4 57s	4 7 1/2
28	Sa	Tay Bridge disaster, 1879	☿	2 9	7 15	4 49	Mor.	6 0	5 50s	5 26 1/2
(52.) Sunday after Christmas.				Matt. 1.			Day's length, 9 h. 33 m.			
29	S	William E. Gladstone born, 1809	☿	2 38	7 16	4 49	0 7	6 45	6 38s	6 42 1/2
30	Mo	Epas Sargent died, 1879	☿	3 7	7 16	4 50	1 10	7 30	7 18s	7 50 1/2
31	Tu	Battle of Quebec, 1775	☿	3 35	7 16	4 51	2 11	8 14	8 5 1/2	8 55s

Conquering a Rheumatic Tendency.

DOUGLAS JERROLD, the famous humorist, was once asked if a certain individual whose father had threatened to disinherit him, had been left anything at his parent's death. "Certainly," replied Jerrold, "his father left him the rheumatism?" There can be little doubt that this malady is an inherited curse. But whether a legacy or acquired, it is of vital importance to do battle with and vanquish it at the outset, since if it once gets the upper hand, through neglect or injudicious treatment, it is apt to "stick closer than a brother" through life. In numberless instances, when this tenacious malady has held its own against the ordinary remedies used to dislodge it, *Hostetter's Stomach Bitters* has proved all-sufficient for its relief and removal. This affirmation is well seconded by two pieces of advice, which

no person with a tendency to rheumatism should disregard. Use the remedy without delay when you first experience a rheumatic twinge. Change your clothing as soon as possible when it is damp, and avoid unnecessary exposure in wet weather. Rely surely upon one thing, viz., that the Bitters affords more efficient protection against this agonizing complaint, after exposure to causes that produce it, than any purely alcoholic stimulant taken to counteract the effect of cold and wet, and is a more reliable specific for its eradication, than the mineral and vegetable poisons used for its relief. No drug, a slight excess of which will produce death, can be safely used, and it would be well if such medicaments were wholly discarded. They who use Hostetter's Stomach Bitters, on the other hand, speedily experience relief and incur no risk.

Of numerous methods for purifying drinking water, the following of Professor Wilber, of Rutgers's College, is very simple: Dissolve half an ounce of alum in a cup of boiling water, pouring into a quart measure, and filling up with cold water. Keep it in a bottle labeled "alum solution." An ordinary teaspoonful is the right amount to add to a gallon of water. No harm would be done if two, or ten, were added; one is sufficient. As different waters vary, it may be found that less will answer.

Big sister (shouting to Bobby)—"Bah-bee! you are wanted to do an errand." Bobby (shouting back)—"Tell mother I can't do it now; I'm busy." Big sister—"It's not mother that wants you, it's father." Bobby (hastily)—"All right! Tell him I'll be there in a minute."

AGE AND POPULATION.

A nation to be strong must have a large portion of its population in the vigorous ages of manhood. If it is growing, the lower

age classes, those of childhood, must be well filled; while if we consider long life a blessing, the upper schedules should not be empty. The following table shows how population is distributed (per 1000) according to age, in the four great countries of the world:

AGE.	GERMA- NY. 1880.	ENG- LAND. 1871.	FRANCE 1872.	U. S. 1880.
0-5	139	135	93	133
5-10	114	119	91	123
10-15	103	107	87	114
15-20	93	96	84	100
20-25	86	88	88	102
25-30	73	72	72	86
30-40	130	123	139	127
40-50	104	101	126	90
50-60	80	73	104	60
60-70	53	47	72	38
70-80	21	22	36	15
80-90	4	5	7	3.5
Over 90	...	0.4	0.4	0.5
	1,000	1,000	1,000	1,000

"Troubled with Dyspepsia,"

IS rather a mild phrase with which to characterize the unspeakable misery endured by the sufferer from chronic indigestion. Troubled, indeed! Tormented by day, robbed of sleep, bereft of the ability to gratify the pangs of hunger without subsequent abdominal agonies, the system depleted, the nerves weak and in disorder, possibly hypochondria, always fretfulness, headaches, constantly shifting, incomprehensible sensations—these are among the diabolical indications that the Protean imp, Dyspepsia, is clutching our vitals, sapping our energies. Depend upon it, your thoroughgoing crank suffers when he eats. This may sound like retributive justice, but is he not to be commiserated for having become monomaniacal in consequence of protracted inability to digest? Crack no jokes upon a dyspeptic, be they the veriest side-splitters, they will never penetrate his armor of misery. But a friendly hint to try *Hostetter's Stomach Bitters*, the sure remedy for his pro-

longed, but unnecessary wretchedness, may *not* be wasted. A vigorous stomach, tranquil digestion, quiet nerves, and a mind at ease, are the rewards in store for the dyspeptic, wise enough to adopt this suggestion, and at the same time abandon indiscriminate and injudicious medication, and exhibit a little common sense in the matter of diet. We advert to the use of discretion in the latter particular, because there are dyspeptics who *will cram*, despite the subsequent penalty. Eating only what experience teaches is best suited to a weak stomach, of course facilitates the action of any medicine, while the reverse of course retards it. Provided the restorative effect of the Bitters is not nullified by folly in respect of eating and drinking, that sterling medicine will eradicate—not immediately, of course, but in a reasonable time, the most obstinate form of indigestion, a malady which in its chronic manifestations, often defies life-long efforts to overcome and finally subdue it.

DENSITY OF POPULATION.

The population per square mile of the different countries is:

Belgium,	451	China,	110
England & Wales,	389	Scotland,	109
Holland,	291	Portugal,	103
Italy,	237	Spain,	90
Japan,	209	Greece,	73
Germany,	193	Sweden & Norway,	21
Switzerland,	175	Turkey,	20
Ireland,	169	United States,	11
Austro-Hungary,	158	Russia,	10
France,	150	Mexico,	9
Denmark,	111	Brazil,	5

THERE was an old preacher who told some boys of the Bible lesson he was going to read in the morning. The boys finding the place glued together the connecting pages. The next morning he read on the bottom of one page: "When Noah was one hundred and

twenty years old, he took unto himself a wife, who was"—then turning the page—"140 cubits long, 40 cubits wide, built of gopher wood, and covered with pitch inside and out." He was naturally puzzled at this. He read it again, verified it, and then said: "My friends, this is the first time I ever met this in the Bible, but I accept it as an evidence of the assertion that we are fearfully and wonderfully made."

A good deacon in a Brooklyn church, whose calling is that of a carpenter, said one day to his pastor in the language of his craft: "Pastor, there are some Christians in our church who are so crooked that if you should draw a straight line upon them from head to foot, it would cut them in two twice."

The Kidneys Rendered Inactive.

WHEN these diminutive, but all-important organs, having through causes which etiologists have thus far failed to determine, become dilatory in their action, the healthful impetus given to them by *Hostetter's Stomach Bitters* prevents several dire consequences which would otherwise ensue. If inaction of the kidneys be permitted to continue, they will certainly lapse into disease—acute nephritis, Bright's disease or diabetes. In the absence of activity of these organs, also, the uric acid, which it is part of the function of the kidneys to separate from the blood, remains in it, laying the foundation for pronounced rheumatism or gout, or modified forms of those maladies. Other evil consequences are to be apprehended from renal inaction. It is because the bladder is not completely emptied of its contents, that the brick-dust colored sediment that it sometimes contains, aggregates in the vesical organ, and forms the nucleus of gravel, a malady productive of agonies so excruciating, that pa-

tients have been known to die through excess of pain in consequence of it.

Powerful diuretics have a direct tendency to excite the kidneys and promote irritation of the bladder. Pareira-brava, acetate of potash, tincture of cubebs and the like, are unproductive of other than a temporary effect. Hostetter's Stomach Bitters is the exact and happy mean betwixt an exciting and ineffective diuretic. It stimulates the kidneys without exciting, and thus irritating them. Its pure spirituous principle is modified by the chemical combination with it of some of the finest vegetable and herbal invigorants and correctives known to medical botany. Between this admirably efficient and wholesome source of relief, and the super potent medicines which enforce action of the kidneys, but also excite them, there can be little room for hesitation in choosing. Moreover it is to be preferred to the fiery unmedicated stimulants of commerce, which used, as they often are, without discretion, do great injury to sufferers from kidney and bladder complaints.

EMIGRATION IN 26 YEARS.

1861... 89,720	1870... 356,303	1879... 177,823
1862... 89,005	1871... 346,933	1880... 457,257
1863... 174,523	1872... 437,750	1881... 669,431
1864... 193,191	1873... 422,545	1882... 783,992
1865... 248,394	1874... 260,814	1883... 603,322
1866... 314,840	1875... 191,231	1884... 518,592
1867... 293,601	1876... 237,991	1885... 395,346
1868... 289,145	1877... 141,857	1886... 334,203
1869... 365,287	1878... 138,469	8,556,473

A SAINTLY individual who tried to offer up a prayer at the meeting of his creditors in New York, not long ago, did not get as far as "Amen" on that occasion. Among his creditors was a rough Scotchman, who, as soon as he got over the amazement at the coolness of the proceedings, shouted out:—"Sit doon, ye dommed infernal heepocreet.

If ye say anither word to the Almichty in my presence, hang me if I dinna kick ye." The creditors roared, the petitioner sat down, and the business of the meeting proceeded in the manner usual on such occasions.

THE TEN SEVENS.

Seven years in childhood's sport and play, 7
Seven years in school from day to day, 14
Seven years at trade or college life, 21
Seven years to find and place a wife, 28
Seven years to pleasure's follies given, 35
Seven years by business hardly driven, 42
Seven years for fame, a wild goose chase, 49
Seven years for wealth, a bootless race, 56
Seven years for hoarding for your heir, 63
Seven years in weakness spent, and care. 70
Then die and go you know not where.

The Nerves as a Source of Trouble.

TROUBLESOME nerves lack strength. Whether Nature has denied this endowment, or whether downright disease or chronic indisposition, their vigor, and consequently their tranquillity has been impaired, *Hostetter's Stomach Bitters* will invigorate and steady them.

People who are troubled with super-sensitive nerves, who start at and are irritated by slight noises, who sleep ill, and have little appetite, or a capricious one, are, if this unnatural condition is not attributable to some serious organic malady, in nine cases out of ten, victims of indigestion. The brain, which is the point where the different sets of nerves focus, and which is the real seat of sensation, immediately experiences agitation by the disorder of the stomach. Consequently, prolonged dyspepsia and the non-assimilation of the food, and debility attending it, tend in some instances, so far to unsettle the organ of thought, as to produce that form of mon-

omania which the doctors call *hypochondriasis*. Insomnia, or the inability to sleep, which unremedied is the precursor of insanity is, according to the best medical authorities, oftentimes the sequence of chronic dyspepsia. Indigestion and non-assimilation not only tend to weaken and disturb the nerves, but to deprive the frame of flesh, and rob it of physical energy. Appetite, sleep, quietude and vigor of the nerves may be acquired, and that appearance of "scragginess" which most people, and particularly the gentler sex, are anxious to avoid, is remedied through that incomparable tonic, *Hostetter's Stomach Bitters*, which speedily brings about a welcome change, not only in the sensations, but also in the appearance of wan, sickly, debilitated, nervous invalids. However numerous the failures to obtain relief for troublesome nerves the sufferer may have met with, the Bitters can be depended upon to accomplish tangible and lasting results.

"So you've had a cyclone in your county, have you?" "Yes, sir-ee! Just tore up everything by the roots. In some places it left the ground as bare as your hand." "How did you suffer?" "Well, it took my house and out-buildings and all the stock, the old woman and six children." "A clean sweep?" "No-o. There was one thing it never lifted." "What was that?" "The mortgage."

WHEN larger flower pots are used there will be more leaves than flowers. Often plants do not bloom because, having so much space, their strength is expended in forming roots and leaves.

TAXATION.

The leading peoples of the world are more heavily taxed for the support of their

general governments than the people of the United States. This table shows the rate of taxation per capita, and the present population, as per the latest census returns, of the principal countries of the world:

COUNTRIES.	POPULATION.	TAXATION PER HEAD.
Great Britain,.....	35,241,482	\$12 10
France,.....	37,672,048	18 00
Germany,.....	45,234,091	3 65
Belgium,.....	5,784,958	10 75
Italy,.....	23,450,628	10 78
Russia,.....	82,930,361	23 50
Spain,.....	16,953,173	10 00
Canada,.....	4,324,810	24 80
New Zealand,.....	489,933	36 00
Victoria,.....	973,403	30 00
New South Wales	821,263	41 00
United States,.....	58,420,000	5 76



THE STUDY OF BOTANY.

Extract from a Mother's Letter: "Maria goes off day after day with a young scientific man, who is also much interested in botany. They are often gone for hours together, and I feel that enthusiasm in such a cause should be encouraged, and not repressed."

From William H. Stewart, M'Dowell, Kentucky, July 23, 1886:

I have been a sufferer from inflammatory rheumatism, general debility and liver disease, but by the use of your Hostetter's Celebrated Stomach Bitters I am nearly cured. I believe they saved my life.

ANGRY Land Purchaser (to real estate agent)—"You told me that the temperature in this part of the country would average about 50° the year round, and here the thermometer is down to zero." Real Estate Agent—"Yes, sir. Zero in the winter and 100° in the shade in the summer. That makes the 50° average all right."

It is said that Bronson Alcott was one day holding forth on the advantages of a vegetable diet, and urged the argument that if a man eats pork he will grow to look like a pig, the beef eater like a bull, and so on. Whereupon somebody rather confounded him by dryly adding; "Yes, Mr. Alcott, and he who confines himself to vegetable diet will be in great danger of finally resembling a very small potato."

VERY excessive effort in a short space of time, as in running or jumping a rope, etc., has repeatedly caused instant death by apoplexy of the lungs, the exercise sending the blood there faster than it can be forwarded to the heart, and faster than it can be purified by the more infrequent breathing on such occasions.

From Dr. J. E. Byrd, Timmons ville, S. C., March 27, 1886:

Your Hostetter's Stomach Bitters are much sought after; people say they are the best tonic and stimulant they have ever tried; they give tone and vigor to the old and overworked of any profession, and they sell like hot cakes.

A FRIEND attending on Mathews in his last illness, found that he had given him some ink from a vial in mistake for his medicine. On discovering the error he exclaimed: "Good heavens, Mathews, I have given you ink!" "Never mind, my dear boy, never mind," said Mathews, faintly. "I'll swallow a little piece of blotting paper."

Three Organs that should Work in Harmony.

SO close is the sympathy between the stomach, the liver and the bowels, that the derangement and inactivity of one throws the other two into disharmony. Dyspepsia is reflected in biliousness, and that in constipation. No matter where the trouble begins, a triple disorder follows. A remedy that will fully cover the exigencies of the case is certainly a useful one. This, at all events, is the estimate formed by myriads who have experienced relief from *Hostetter's Stomach Bitters*, a thorough remedy without a drawback. It is effective, it always "fills the bill." True it is that if the difficulty be chronic, it will not, as some remedies are advertised to, but in no instance do, remedy it instant. The medicine has not yet been discovered that will do this. We may expect its advent about the time of the millennium. In this day of no miracles, except the alleged supernal performances of the spiritualists, they who expect

them will find their "sanguinary expectorations," as Mrs. Partington terms them, grievously disappointed. But as surely as Hostetter's Stomach Bitters is used to relieve and regulate the bowels, banish indigestion, and arouse a dormant liver, just so surely will it effect the desired reform, always provided, of course, and the same holds good of all but curatives of the miraculous sort—that it be used with reasonable persistence, not taken occasionally, and at irregular intervals, and then abandoned because its effect is not instantaneous. There exists no speedier remedy, but chronic disorders of whatever kind are not conquered in a day. Relief and cure are two different things. We indulge in no bombastic assertions regarding the Bitters, but are content to confine ourselves to the limits of truth. The public are getting weary of hyperbole. This is the era of common sense, and we propose to conform to it in our statements about the Bitters.

AGE AND MORTALITY.

The following table, which years of experience of scientific men has proven, settles the death rate. One of the following number of persons may die within one year:

At 10 years,	1 in 134	At 45 years,	1 in 90
15 "	1 in 131	50 "	1 in 73
20 "	1 in 129	55 "	1 in 54
25 "	1 in 124	60 "	1 in 35
30 "	1 in 119	65 "	1 in 25
35 "	1 in 112	70 "	1 in 17
40 "	1 in 103		

POWER OF STEAM.—Steam, as compared with water, occupies 1,728 times as much space. A cubic inch of water will make 1,728 cubic inches of steam at atmospheric pressure. Now, if this steam is compressed into half the space it occupies at atmospheric pressure, it will be double that pressure, or 15 pounds above the atmosphere; it

will then occupy only 864 cubic inches. If reduced again to half its volume, it will occupy 432 cubic inches, and will have 30 pounds' pressure. Reduced again to half this volume, the steam will occupy 216 cubic inches, and will have 60 pound pressure to the square inch. We can go on reducing in this way until we find that a cubic inch of water, turned into steam, and compressed into a space of 3 cubic inches, will have the somewhat enormous pressure of 3,840 pounds to the square inch.

"PEOPLE needn't sneer at me because I am an old maid," said Miss Gildersleeve, snappishly; "I may be an old maid, but if I am I'm one from choice." "Yes," said her friend, sympathetically, "so I've always understood. Choice was quite unanimous, wasn't it?"

To Insure Regularity of the Bowels,

It is only necessary to pursue a regular course of that benign alterative and anti-bilious medicine, *Hostetter's Stomach Bitters*. It overcomes constipation, not by abrupt, violent action, accompanied by griping, but by a gradual, painless relaxation of the bowels to the point where the chronic obstruction ends, and a natural, easy relaxation at proper intervals begins. Persons of a constipated, bilious habit of body, will find in this medicine a relief they have vainly sought from drastic cathartics. Such medicines simply have the effect of copiously evacuating the bowels, thereby weakening and positively unfitting them for the due resumption of their regular function. Infinite mischief is done by such medicines, if their use is persisted in.

Upon the regular, unobstructed action of the bowels depends the continued regularity and health of the liver, and in great measure, that of the digestive organs. When this important outlet

for the waste material of the system is to any extent blockaded, the bile is diverted from its natural conduit, and enters the blood and stomach, creating serious bodily disturbance, and pain in the abdominal region. Aperients, mineral waters and simple purgatives may mitigate; but are powerless to remove the difficulty, since it is not one that a few doses of a powerful evacuent are calculated to cure. Constipation is often a chronic malady. When it is, obstinate resistance to medication is its chief characteristic. A medicine that effects a complete, but not abrupt and enfeebling change in the condition of the intestines, invigorating at the same time that it relaxes them, is what is needed by the constipated. This is what *Hostetter's Stomach Bitters* can and does effect for persons troubled with chronic constipation and its invariable attendant—biliousness. Not only the action of the bowels, but of every important function of the system is stimulated and aided by the great enabling tonic and corrective.

HOW IRON WEARS OUT.—When a worn car wheel tread is examined under the microscope, it is perceived that the surface of the metal comes off in thin flakes or scales. Examined under high powers the scales are found to resemble portions of a brick wall, the fractures being not in the particles of iron, but in the materials which unites the particles, in a manner similar to which mortar unites the bricks of a wall. Continuous jarring breaks this cement or uniting material, thus allowing iron so treated to fall in pieces.

In climates having a difference of 70 degrees in temperature between the hot and cold seasons, a railway track of 400 miles is 338 yards longer in summer than in winter. Of course, the length of the road remains

the same, but expansion forces the lengths of metal closer together, making an aggregate closing up of space between the rails of nearly a yard in each mile.

"THrice ask, as fades each sun's last ray,
What's been my life throughout the day?
What have I learned that's worth the knowing?
What have I done that's worth the doing?
What have I sought that I should shun?
What duties done or left undone?
Such self-inquiries are the road
That leads to virtue and to God."

If one ounce of powdered gum tragacanth be mixed in the whites of six eggs, well beaten, and applied to a window, it will prevent the rays of the sun from penetrating.

Awakening the Liver.

ATORPOR sometimes takes possession of the liver, and all its functions fall into disuse. Then is the time that the healthful stimulus given by *Hostetter's Stomach Bitters* is made peculiarly apparent. A wineglassful or two of this surpassingly effective, and at the same time tranquil alterative, awakens the dormant, inactive liver, and the continuance for a reasonable time of the remedy, works a complete change for the better in the condition of the organ. Activity is renewed and a tendency to congestion overcome. The bile being again secreted in a normal quantity, and flowing into its natural channel, ceases to contaminate the blood, and the saffron tint of the skin produced by biliousness disappears. Pains beneath the right ribs and shoulder blade, fur upon the tongue, sick headache, nausea, and other indications of a sluggish liver, too well known to need recapitulation, also depart. The bowels, gently relaxed, thereafter become regular, and in the entire process of reform instituted, and carried to a successful issue, by this peerless medicine, there is nothing

which differs from Nature's own restorative action. In this respect Hostetter's Stomach Bitters is the very opposite of those drastic purgatives which drench and weaken the bowels, without acting on the liver. Mercury, whether in the form of blue pill or calomel, is far inferior to this standard cholagogue in effectiveness, while the mercurial drug has a perniciously active tendency to salivate the mouth, loosen the teeth and permanently poison the blood. Thousands are constantly experimenting upon themselves—no doubt they would feel indignant if they heard this term applied to their misguided efforts at relief—with nostrums of various kinds, that a reasonably persistent course of the Bitters, which is a purely botanic medicine, would set right by renewing activity of the liver, perpetuating a regular habit of body, and enabling the stomach to digest with regularity and ease. To assert that it will accomplish these results pleasantly and surely, is simply to repeat a truth emphasized by the testimony of thousands of persons, of whom the medical fraternity form no insignificant proportion.

SHE—"Why, Charles! How can you call Miss James plain? I wish I was half as good looking as she is." He—"You are, Hattie, and you know it." At last advices Hattie was endeavoring to decide whether she ought to be pleased or offended at the compliment.

THE average pitch of large rivers, excluding regions of cascades, seldom exceeds 12 inches to a mile, and is sometimes but one-third that amount. According to Humphreys and Abbott, the pitch of the Mississippi from Memphis down (355 miles) is only 4.82 inches per mile.

KEEPING MEAT WITHOUT ICE.—With regard to meat, a joint may be preserved for many days by wrapping it loosely in a fine cloth, wrung out of vinegar, and hanging it in a draught of air. If the weather be very warm, the cloth must be remoistened twice, or even thrice a day.

It is said hard burned brick walls will resist a pressure of 150 pounds per square inch, and can therefore be built 1,600 feet high. If one-third Portland cement is added to the mortar, the same wall could be built 2,700 feet high.



THE COMING EXPRESS.

BILLY (on the track).—"There she comes, boys---I hear her---she ain't no more than a mile away!"

From James Eickok, Meridian, New York,
June 18, 1886:

I sell your Hostetter's Stomach Bitters in full confidence of its merits, from observation and experience.

NEVER SATISFIED.—A beautiful woman, with artificially heightened color, once said to General Shields, "How is it that, having obtained so much glory, you still seek for more?" "Ah, madame," he replied, with more force than politeness, "how is it that you, who have so much beauty, should still put on paint?"

POISONS are too numerous to give remedies in detail. Emetics are usually given after such as occasion drowsiness or delirium. Sweet water, milk or oil, or whites of eggs, copiously, where there is vomiting or pain in the stomach. Camphor is said to be an antidote for strychnine-saturated solution.

A FINANCIER.—"Has Muller borrowed anything from you?" "He tried; he said he wanted \$200 for a year, and that he could get it from Schulze, but Schulze wanted six per cent., while he was not willing to pay more than four per cent. So I gave him

the four dollars and said: 'Here's the missing two per cent., go and borrow the money from Schulze.'"

DURING a discussion of religious topics young Brown said: "I tell you that, if the other animals do not exist after death, neither will man. There is no difference between man and a beast." And good old Jones mildly replied: "If anybody could convince me of that, it would be you, Brown."

WITNESS the diplomacy and presence of mind shown in this answer, in the case of the young lady who sat in an alcove at an evening party with a bright young military man, her little niece on her knee to play propriety. Suddenly the company is electrified by the exclamation of the child: "Kiss me, too, Aunt Alice!" But the sudden shock is succeeded by a feeling of relief as Aunt Alice calmly replies: "You should not say, 'Kiss me two,' dear; you should say, 'Kiss me twice.'"

THE man who goes to a summer resort for change and rest, often finds that the waiters get all the change, and the landlord the rest.

What Fit of Indigestion.

WE will suppose that you were very hungry, and have demolished a very hearty meal of the substantials, topping off with a delicate cream *meringue*, let us say, or a fresh *Charlotte de Russe*. Your digestion has hitherto been fair, with occasional dyspeptic intermissions, but on the whole, you flatter yourself, as good as most people's. About half an hour after dinner your boasted digestion begins to "go back" on you. It isn't bed time yet, of course, but you think you had better retire. Your head aches, your stomach feels as though it contained a large section of the Washington monument. Your excellent wife gives you some camphor, and applies a mustard plaster to the pit of your stomach—not such a bad thing to do, by the way—but in this instance it turns out a failure. All night long you toss in agony, fruitlessly blistered externally and cam-

phorated internally, to the excessive discomfort of your amiable spouse. You rise betimes in the morning unrefreshed and without appetite, drink a cup of tea and rush down town. All unnecessary, "What should I have done?" Done, my dear, why drink a wineglassful or two of *Hostetter's Stomach Bitters*, the finest carminative and remedy for indigestion, whether temporary or chronic, in existence. Next time be wise and take our hint. Another thing, don't gorge, and that hurriedly. Food was not intended to be swallowed in inordinate quantities, or bolted without due mastication. Flatulence, or wind on the stomach, colicky pains, heartburn, and every other of the manifestations of dyspepsia, are promptly remedied with this wholesome and reliable botanic medicine. Moreover, taking it before bed-time is inductive of a sound and refreshing night's repose.

HALE MILE RACE TRACK.—To lay off this track drive two stakes 600 feet apart in a direction to get the best surface. With each stake as its centre, make a circle the diameter of which shall be 452 feet 5 inches. From the circumference of one let straight lines be made to the other, which will be 600 feet long. This will be the inner circle. The outer one should be 18 feet from this for private, and 36 feet for public tracks.

To harden cast iron, mix one-half pint of oil of vitriol and two ounces of saltpetre in three gallons of clean water. Heat the iron to a cherry red, and dip as usual.

REMOVING FURNITURE BRUISES.—Wet the part with warm water; double a piece of brown paper five or six times, soak and lay it on the place, apply on that a hot flatiron till the moisture is evaporated. If the bruise be not gone repeat the process. After two or three applications the dent or bruise will

be raised level with the surface. Keep it continually wet, and in a few minutes the bruise will disappear.

A DELICATE glue for mounting ferns and the like, is made of five parts gum arabic, three parts white sugar, two parts starch, and a very little water. Boil until thick and white.

To prevent wet from penetrating boots take half a pound of tallow or mutton suet, four ounces of lard and two ounces of new beeswax and olive oil, dissolve over the fire, mixing well, and apply it to the leather.

In England the population doubles in 56 years, in the United States, Canada and Australia, in 25 years; in Germany, in 105 years; in France, and in countries using the French language, 140 years.

A DEBT of gratitude is too often compromised at about ten cents on the dollar.

THE TEST QUESTION.

THE inquiry which contains the pith, the gist, the marrow of investigation as to the remedial value of a medicine, the one which is surest to elicit the truth in that regard is this: Has the article retained and extended its popularity through a considerable number of years? If this question can be answered affirmatively, if it be a known fact that it has borne the test to which Time subjects all pretensions and all reputations, that it has undergone popular and professional scrutiny and investigation successfully, and for a long period, the conclusion is irresistible that it is a deserving medicinal article.

THIRTY YEARS AND MORE AGO,

Hostetter's Stomach Bitters revealed itself to the public and the medical profession as a beneficent, safe, botanic means of relief and cure to persons troubled with dyspepsia, constipation, liver and kidney trouble, and a deficiency of vital energy. More than this, it became manifest whenever and wherever this preservative and restorer of health was used for the purpose, that it would completely extirpate chills and fever, and all other forms of malaria, and not only prevent their recurrence, but render the system invulnerable to their first attacks. Of course the qualities of a medicine capable of achieving such results with thoroughness, were not destined to be hidden "under a bushel." It gained a foothold then—has it lost it since? Assuredly not. It is no idle claim, no vain-glorious boast that asserts for it the highest reputation, the widest popularity among remedies of its class in the New World. Its sales are simply enormous, and its patrons number not only the inhabitants of our own continent, but of South America, the West Indies, Mexico, Central America, Australia, and tropical countries generally. The double query naturally suggests itself—could this be so if it lacked efficacy? could this remedy first have been bolstered into popularity by advertising, and retained it for over a third of a century by the same means, if it were destitute of the attributes claimed for it, or were, at the best, only a palliation? It does not need a specially enlightened understanding to furnish to this question a negative reply. But to our first—our TEST QUESTION—has Time proven Hostetter's Stomach Bitters to be a meritorious remedy and preventive?—the people of this and other lands have answered with a UNANIMOUS "YES!"

Hostetter's Business Calendar for 1889.

1889	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	1889	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	1889	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Jan.	..	1	2	3	4	5		May	..	1	2	3	4			Sept.	7	8	9	10	11	12	13	14
	6	7	8	9	10	11	12		5	6	7	8	9	10	11		15	16	17	18	19	20	21	
	13	14	15	16	17	18	19		12	13	14	15	16	17	18		22	23	24	25	26	27	28	
	20	21	22	23	24	25	26		19	20	21	22	23	24	25		29	30	..	..	..	..	..
	27	28	29	30	31	..	..		26	27	28	29	30	31	..		29	30	..	..	..	..	..
Feb.	..	..	..	..	..	1	2	June	..	..	..	..	..	..	1	Oct.	..	..	1	2	3	4	5
	3	4	..	6	7	8	9		2	3	4	5	6	7	8		6	7	8	9	10	11	12	
	10	11	..	13	14	15	16		9	10	11	12	13	14	15		13	14	15	16	17	18	19	
	17	18	..	20	21	22	23		16	17	18	19	20	21	22		20	21	22	23	24	25	26	
	24	25	..	27	28	..	..		23	24	25	26	27	28	29		27	28	29	30	31	..	..
Mar.	..	..	..	..	..	1	2	July	30	..	..	..	..	..	..	Nov.	..	..	..	..	1	2	3
	3	4	5	6	7	8	9		..	1	2	3	4	5	6		3	4	5	6	7	8	9	
	10	11	12	13	14	15	16		7	8	9	10	11	12	13		10	11	12	13	14	15	16	
	17	18	19	20	21	22	23		14	15	16	17	18	19	20		17	18	19	20	21	22	23	
	24	25	26	27	28	29	30		21	22	23	24	25	26	27		24	25	26	27	28	29	30	
	31	..	..	..	..	..	..		28	29	30	31	..	..	..		..	..	..	..	..	..	..
April	..	1	2	3	4	5	6	Aug.	..	..	1	2	3			Dec.	1	2	3	4	5	6	7
	7	8	9	10	11	12	13		4	5	6	7	8	9	10		8	9	10	11	12	13	14	
	14	15	16	17	18	19	20		11	12	13	14	15	16	17		15	16	17	18	19	20	21	
	21	22	23	24	25	26	27		18	19	20	21	22	23	24		22	23	24	25	26	27	28	
	28	29	30	..	..	..	..		25	26	27	28	29	30	31		29	30	31	..	..	..	..

J. ROSENBERG & BRO.

LA PORTE, CAL.

DEALERS IN

Hostetter's Celebrated Stomach Bitters,

CHOICE FAMILY GROCERIES,

READY-MADE CLOTHING,

HATS, CAPS, BOOTS, SHOES AND RUBBERS,

HARDWARE, GLASSWARE AND QUEENSWARE.

DRUGS AND MEDICINES,

BOOKS, STATIONERY, PUTTY, PAINTS, OILS.

Tobacco, Snuff and Cigars,

Also many other articles impossible to enumerate here, all of which will be sold at moderate prices.